

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071474.D
 Acq On : 25 Dec 2021 22:47
 Operator : VA/SY
 Sample : M5181-02MS
 Misc : 6.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MS

Quant Time: Dec 27 04:11:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/27/2021
 Supervised By : Mahesh Dadoda 01/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	274209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	484933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	468396	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.549	152	933349m	50.000	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	227458	62.459	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.920%	
35) Dibromofluoromethane	7.908	113	189315	58.088	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.180%	
50) Toluene-d8	10.332	98	646839	52.519	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.040%	
62) 4-Bromofluorobenzene	12.620	95	1493823	341.321	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 682.640%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.991	85	134094	46.669	ug/l	99
3) Chloromethane	2.209	50	194359	52.827	ug/l	97
4) Vinyl Chloride	2.350	62	193634	43.918	ug/l	98
5) Bromomethane	2.773	94	149669	48.525	ug/l	97
6) Chloroethane	2.926	64	140445	47.999	ug/l	93
7) Trichlorofluoromethane	3.279	101	269207	49.877	ug/l	94
8) Diethyl Ether	3.709	74	99376	64.313	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	135628	43.192	ug/l	96
10) Methyl Iodide	4.303	142	168416	55.151	ug/l	95
11) Tert butyl alcohol	5.220	59	54195	184.416	ug/l	99
12) 1,1-Dichloroethene	4.073	96	139662	48.887	ug/l	83
13) Acrolein	3.914	56	24565	139.637	ug/l	87
14) Allyl chloride	4.714	41	304425	56.339	ug/l #	79
15) Acrylonitrile	5.420	53	240172	315.618	ug/l	95
16) Acetone	4.156	43	245484	268.369	ug/l	88
17) Carbon Disulfide	4.409	76	379920	40.816	ug/l	99
18) Methyl Acetate	4.714	43	188763	66.858	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	478132	64.834	ug/l	99
20) Methylene Chloride	4.967	84	211471	62.744	ug/l #	84
21) trans-1,2-Dichloroethene	5.473	96	173053	52.299	ug/l	90
22) Diisopropyl ether	6.361	45	694662	63.150	ug/l	96
23) Vinyl Acetate	6.303	43	1393745m	245.780	ug/l	
24) 1,1-Dichloroethane	6.261	63	363074	57.574	ug/l	97
25) 2-Butanone	7.208	43	319593	292.507	ug/l	90
26) 2,2-Dichloropropane	7.208	77	263973	50.945	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	206446	56.408	ug/l	91
28) Bromochloromethane	7.544	49	148488	57.460	ug/l	87
29) Tetrahydrofuran	7.561	42	202281	308.351	ug/l	92
30) Chloroform	7.708	83	368783	57.957	ug/l	99
31) Cyclohexane	7.985	56	194208	31.393	ug/l	97
32) 1,1,1-Trichloroethane	7.902	97	297235	52.671	ug/l	94
36) 1,1-Dichloropropene	8.108	75	238546	45.813	ug/l	97
37) Ethyl Acetate	7.291	43	137647	57.261	ug/l #	93
38) Carbon Tetrachloride	8.091	117	237185	46.171	ug/l	97
39) Methylcyclohexane	9.349	83	253181	41.538	ug/l #	84
40) Benzene	8.344	78	700616	50.052	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	84152	58.937	ug/l #	81
42) 1,2-Dichloroethane	8.420	62	276067	60.482	ug/l	93
43) Isopropyl Acetate	8.449	43	319179	66.907	ug/l #	84
44) Trichloroethene	9.108	130	178200	48.853	ug/l	98
45) 1,2-Dichloropropane	9.385	63	199687	54.977	ug/l	96
46) Dibromomethane	9.473	93	115250	57.433	ug/l	93
47) Bromodichloromethane	9.655	83	312643	61.366	ug/l	94
48) Methyl methacrylate	9.449	41	120149	50.896	ug/l #	78
49) 1,4-Dioxane	9.449	88	24245	1069.181	ug/l #	76
51) 4-Methyl-2-Pentanone	10.220	43	767780	305.912	ug/l	89
52) Toluene	10.396	92	429164	48.265	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	258797	54.398	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	302949	55.106	ug/l #	46
55) 1,1,2-Trichloroethane	10.773	97	621534	244.015	ug/l #	37
56) Ethyl methacrylate	10.638	69	893810	266.663	ug/l #	38
57) 1,3-Dichloropropane	10.938	76	275591	59.069	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.938	63	486809	303.197	ug/l	98
59) 2-Hexanone	10.949	43	5451728	3073.022	ug/l #	22
60) Dibromochloromethane	11.132	129	180814	56.471	ug/l	88
61) 1,2-Dibromoethane	11.238	107	150311	59.580	ug/l	94
64) Tetrachloroethene	10.873	164	132724	40.776	ug/l	96
65) Chlorobenzene	11.661	112	474990	49.438	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	181732	51.776	ug/l	98
67) Ethyl Benzene	11.738	91	754865	42.217	ug/l	98
68) m/p-Xylenes	11.843	106	532687	78.414	ug/l	86
69) o-Xylene	12.173	106	297040	47.836	ug/l	60
70) Styrene	12.185	104	503753	46.699	ug/l #	81
71) Bromoform	12.349	173	108616	57.186	ug/l #	100
73) Isopropylbenzene	12.473	105	554698	7.709	ug/l	97
74) N-amyl acetate	12.267	43	14419756	746.921	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.702	83	1745207	134.149	ug/l #	45
76) 1,2,3-Trichloropropane	12.773	75	165218m	14.898	ug/l	
77) Bromobenzene	12.749	156	224682	14.032	ug/l #	1
78) n-propylbenzene	12.808	91	713726	7.913	ug/l	86
79) 2-Chlorotoluene	12.896	91	959819	19.042	ug/l	80
80) 1,3,5-Trimethylbenzene	12.955	105	531678	8.958	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.520	75	28323	7.216	ug/l #	1
82) 4-Chlorotoluene	12.996	91	691321m	13.222	ug/l	
83) tert-Butylbenzene	13.214	119	782936	15.438	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.261	105	462771	7.878	ug/l	93
85) sec-Butylbenzene	13.390	105	1260519	16.303	ug/l #	77
86) p-Isopropyltoluene	13.508	119	414503	6.461	ug/l #	72
87) 1,3-Dichlorobenzene	13.508	146	307428	9.534	ug/l #	1
88) 1,4-Dichlorobenzene	13.585	146	305990	9.677	ug/l #	1
89) n-Butylbenzene	13.837	91	344948	5.478	ug/l	84
90) Hexachloroethane	14.108	117	375938	30.934	ug/l #	28
91) 1,2-Dichlorobenzene	13.879	146	281877	10.300	ug/l #	74
92) 1,2-Dibromo-3-Chloropr...	14.508	75	52263	23.165	ug/l #	52
93) 1,2,4-Trichlorobenzene	15.149	180	52599	3.154	ug/l #	1
95) Naphthalene	15.390	128	53658	1.690	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.602	180	34791	2.412	ug/l #	13

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APPROVED

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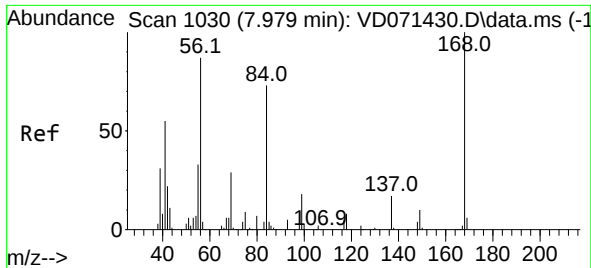
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Manual Integrations APPROVED

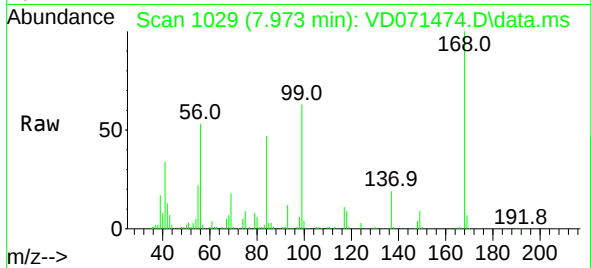
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

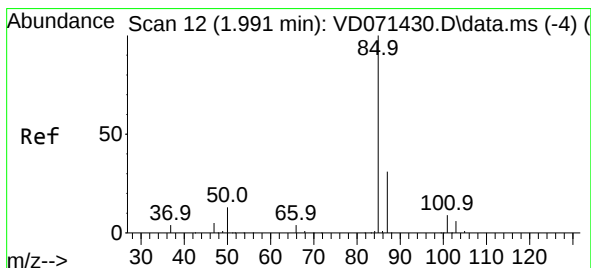
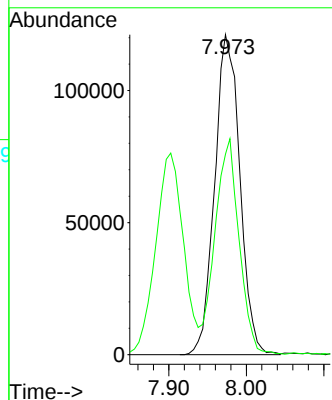
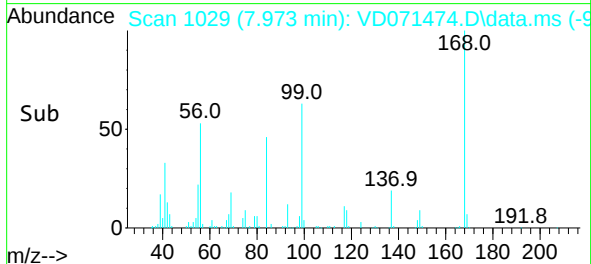
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



Tgt Ion:168 Resp: 274209
Ion Ratio Lower Upper
168 100
99 62.3 46.6 69.8

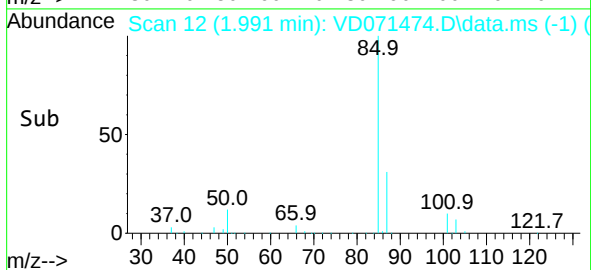
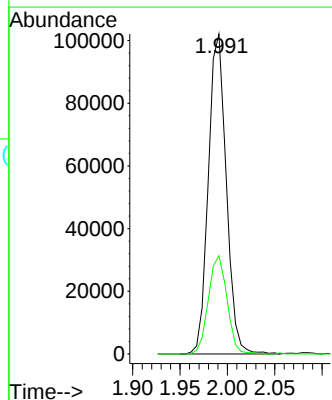
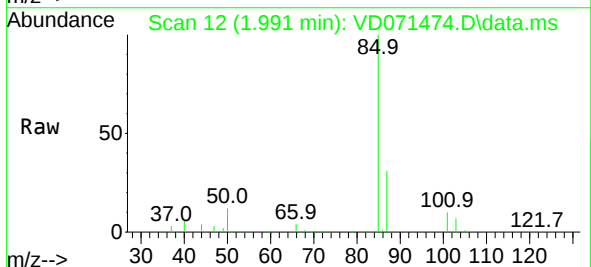
Manual Integrations
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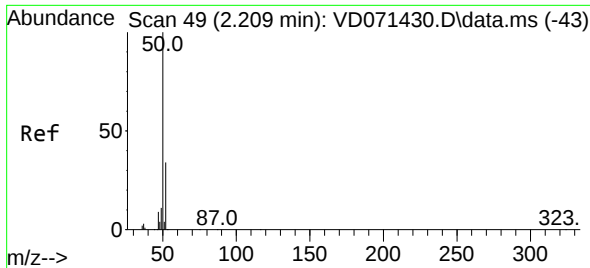
Reviewed By :Semsettin Yesilyurt 12/27/2021
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#2
Dichlorodifluoromethane
Concen: 46.669 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

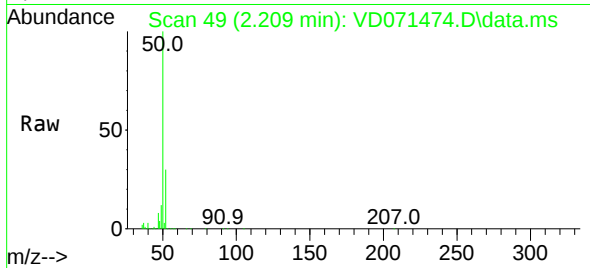
Tgt Ion: 85 Resp: 134094
Ion Ratio Lower Upper
85 100
87 30.7 15.2 45.6





#3
Chloromethane
Concen: 52.827 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

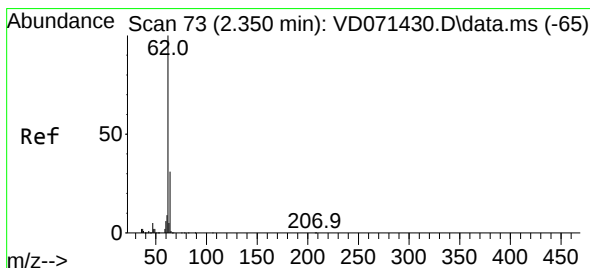
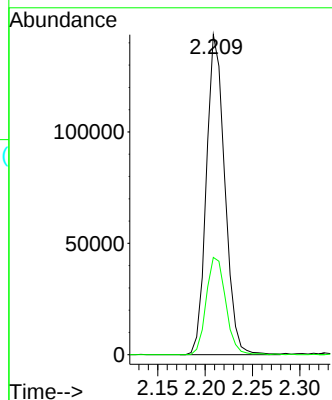
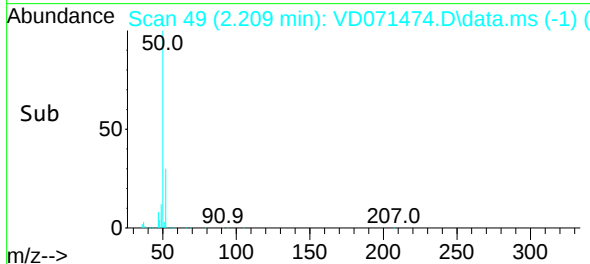
Instrument :
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ClientSampleId :
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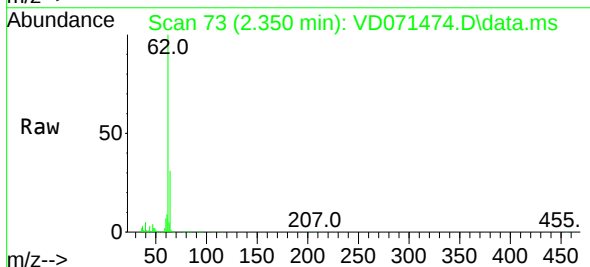
Tgt Ion: 50 Resp: 194359
Ion Ratio Lower Upper
50 100
52 30.4 25.8 38.8

Manual Integrations
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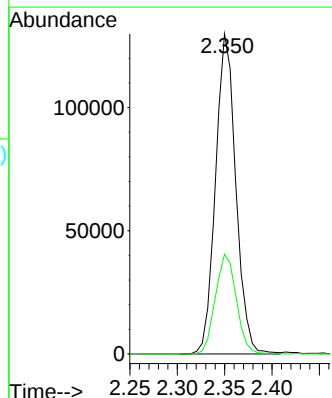
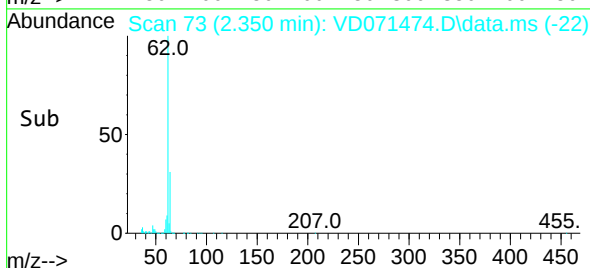
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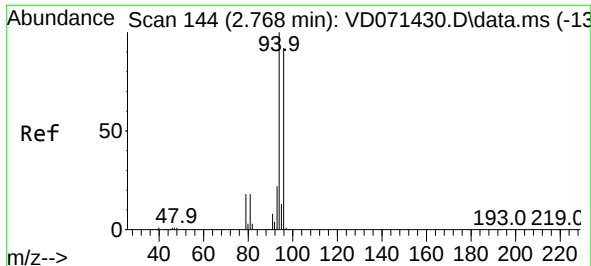


#4
Vinyl Chloride
Concen: 43.918 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47



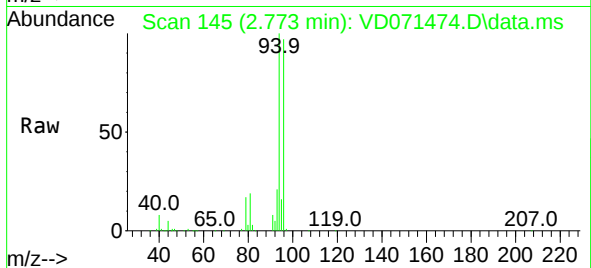
Tgt Ion: 62 Resp: 193634
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0





#5
Bromomethane
Concen: 48.525 ug/l
RT: 2.773 min Scan# 144
Delta R.T. 0.023 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

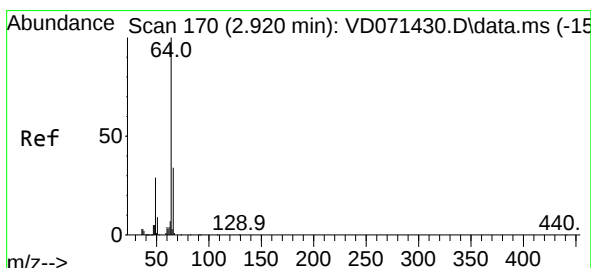
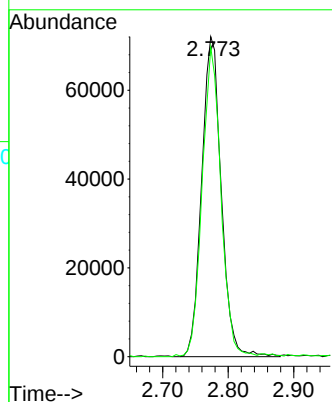
Instrument :
MSVOA_D
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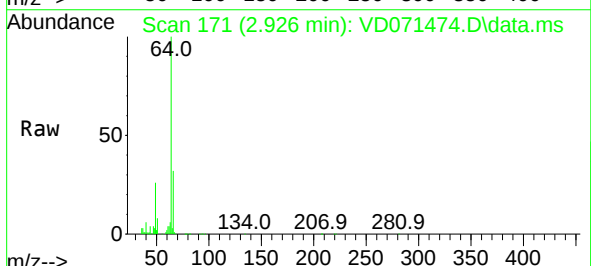
Tgt Ion: 94 Resp: 149669
Ion Ratio Lower Upper
94 100
96 96.4 74.8 112.2

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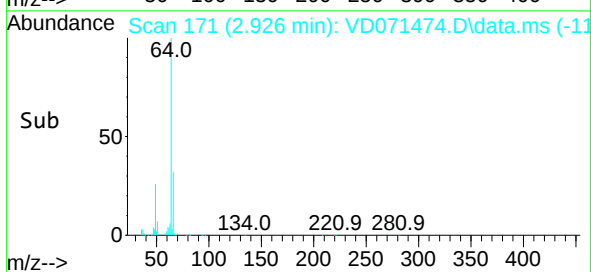
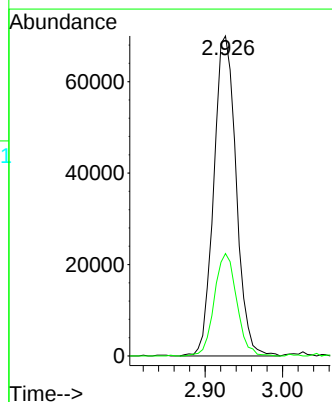
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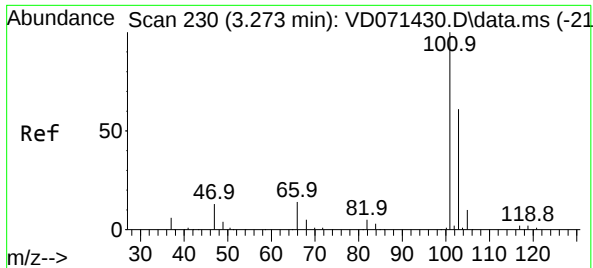


#6
Chloroethane
Concen: 47.999 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.011 min
Lab File: VD071474.D
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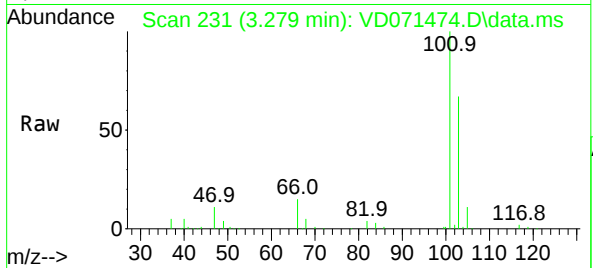
Tgt Ion: 64 Resp: 140445
Ion Ratio Lower Upper
64 100
66 32.0 29.0 43.4





#7
Trichlorofluoromethane
Concen: 49.877 ug/l
RT: 3.279 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

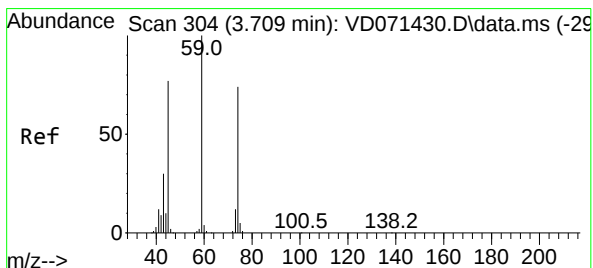
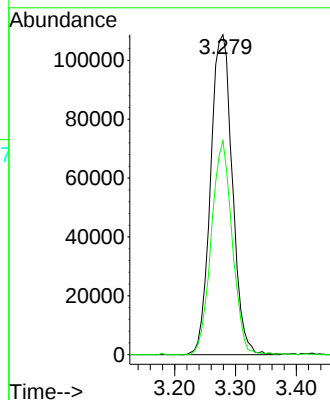
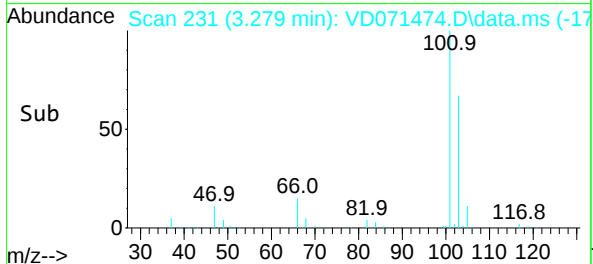
Instrument :
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ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



Tgt Ion:101 Resp: 26920
Ion Ratio Lower Upper
101 100
103 66.9 49.7 74.5

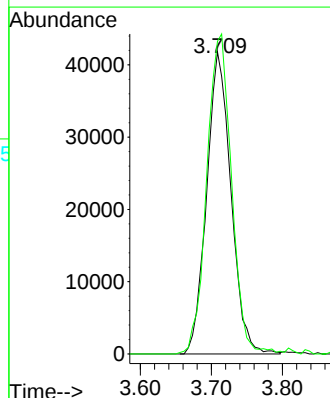
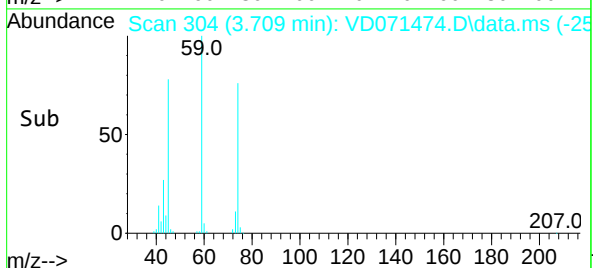
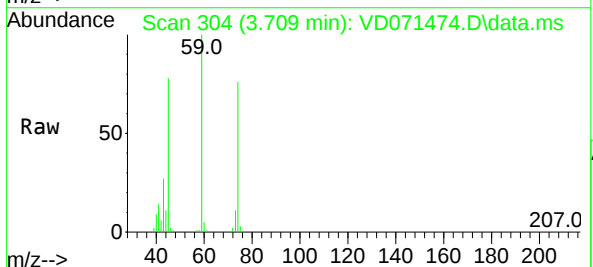
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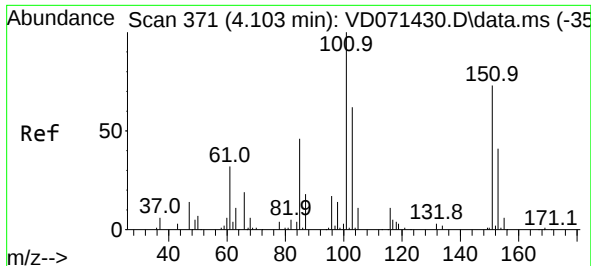
Reviewed By :Semsettin Yesilyurt 12/27/2021
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#8
Diethyl Ether
Concen: 64.313 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

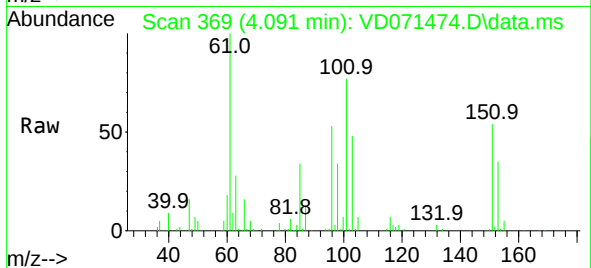
Tgt Ion: 74 Resp: 99376
Ion Ratio Lower Upper
74 100
45 107.7 49.6 149.0





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 43.192 ug/l
 RT: 4.091 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VD071474.D
 Acq: 25 Dec 2021 22:47

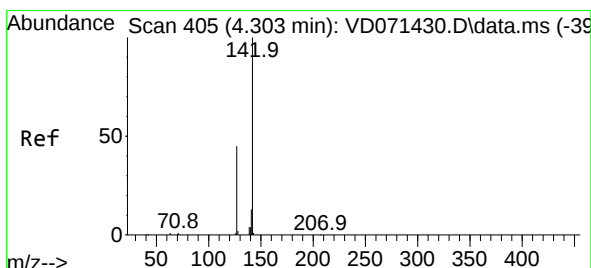
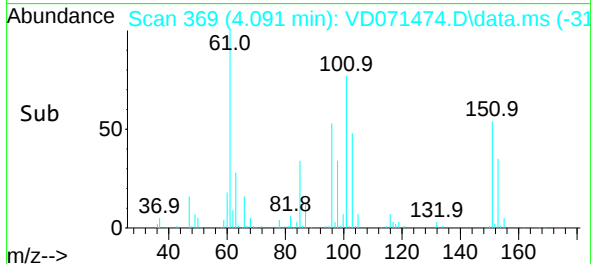
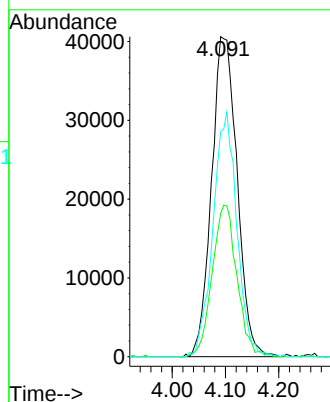
Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MS



Tgt Ion:101 Resp: 135628
 Ion Ratio Lower Upper
 101 100
 85 45.8 34.8 52.2
 151 71.3 60.4 90.6

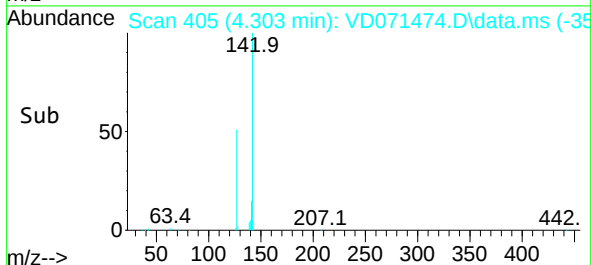
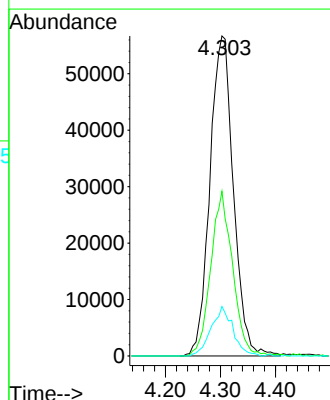
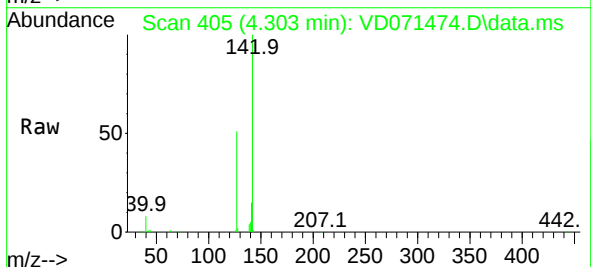
Manual Integrations
 APPROVED

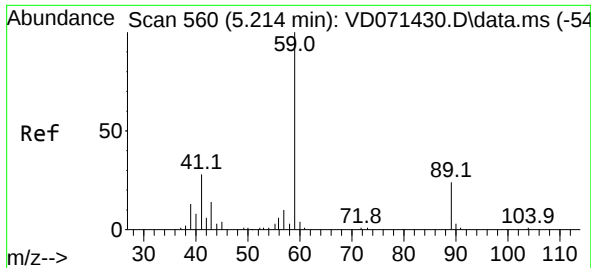
Reviewed By :Semsettin Yesilyurt 12/27/2021
 Supervised By :Mahesh Dadoda 01/02/2022



#10
 Methyl Iodide
 Concen: 55.151 ug/l
 RT: 4.303 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD071474.D
 Acq: 25 Dec 2021 22:47

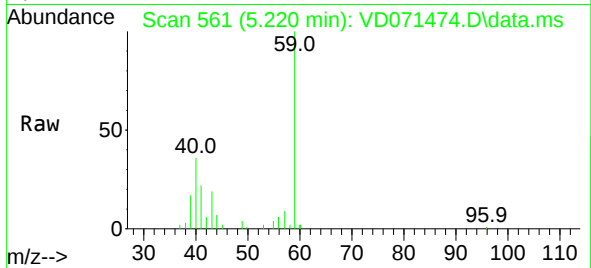
Tgt Ion:142 Resp: 168416
 Ion Ratio Lower Upper
 142 100
 127 47.9 35.0 52.4
 141 14.3 12.0 18.0





#11
Tert butyl alcohol
Concen: 184.416 ug/l
RT: 5.220 min Scan# 560
Delta R.T. 0.011 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

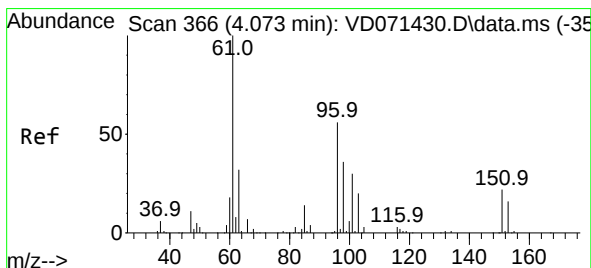
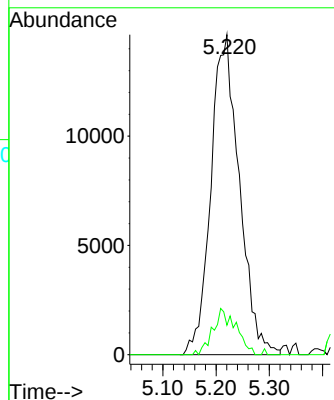
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



Tgt Ion: 59 Resp: 5419
Ion Ratio Lower Upper
59 100
57 11.7 9.0 13.4

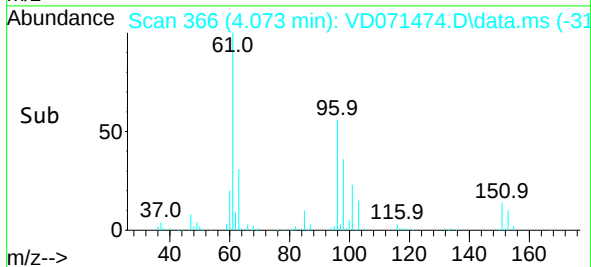
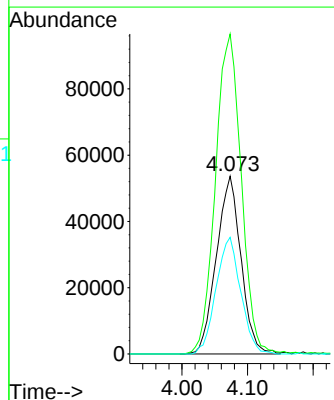
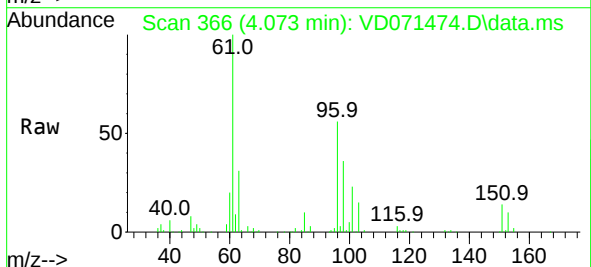
Manual Integrations
APPROVED

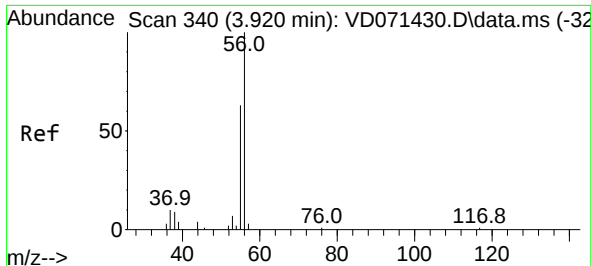
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#12
1,1-Dichloroethene
Concen: 48.887 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.011 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

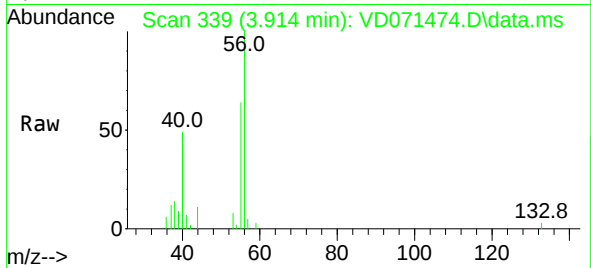
Tgt Ion: 96 Resp: 139662
Ion Ratio Lower Upper
96 100
61 180.0 120.3 180.5
98 65.6 54.4 81.6





#13
Acrolein
Concen: 139.637 ug/l
RT: 3.914 min Scan# 311
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

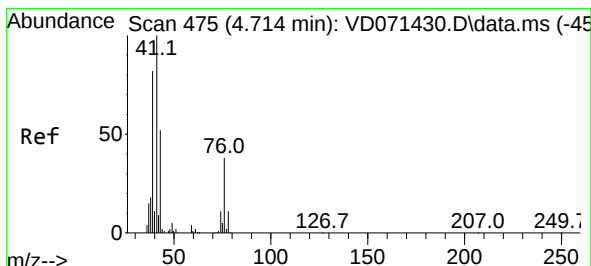
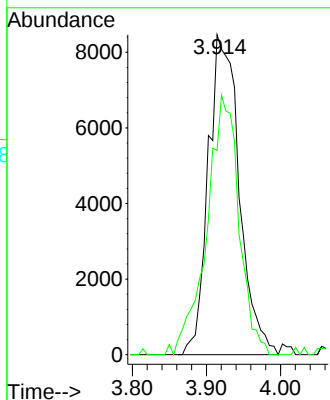
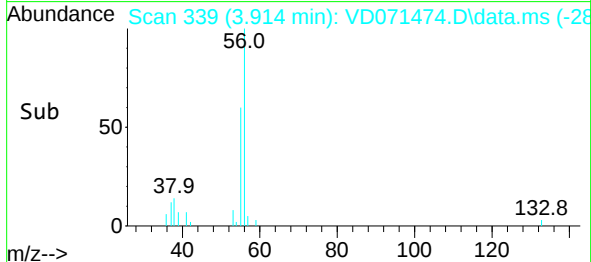
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



Tgt Ion: 56 Resp: 2456
Ion Ratio Lower Upper
56 100
55 84.2 58.6 87.8

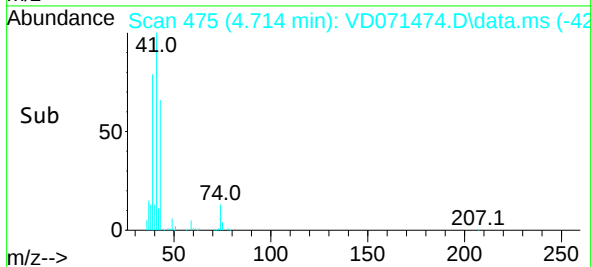
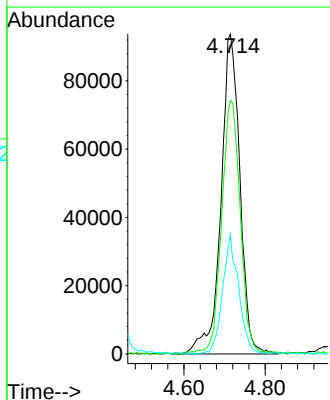
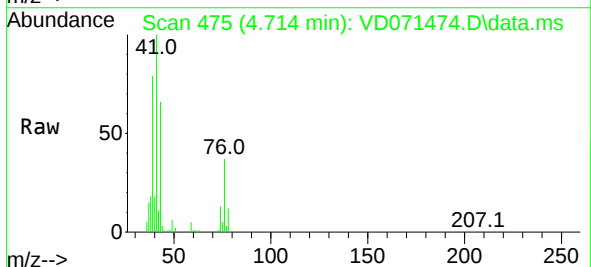
Manual Integrations
APPROVED

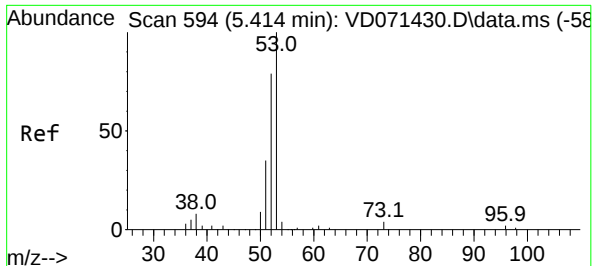
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#14
Allyl chloride
Concen: 56.339 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.011 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

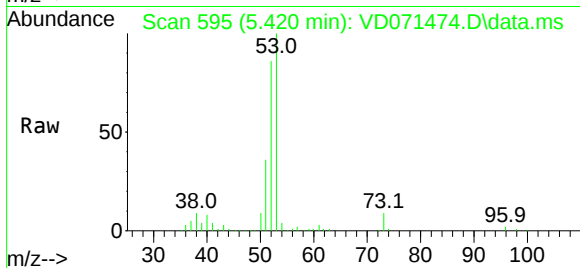
Tgt Ion: 41 Resp: 304425
Ion Ratio Lower Upper
41 100
39 77.8 45.6 68.4#
76 31.8 30.2 45.4





#15
Acrylonitrile
Concen: 315.618 ug/l
RT: 5.420 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

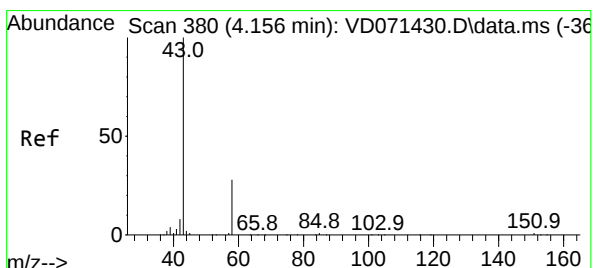
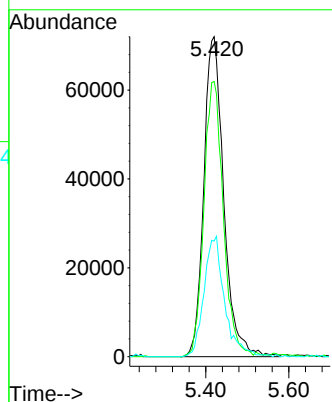
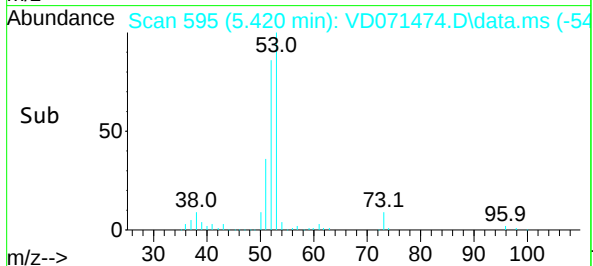
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



Tgt Ion: 53 Resp: 240172
Ion Ratio Lower Upper
53 100
52 83.6 63.8 95.8
51 38.9 28.5 42.7

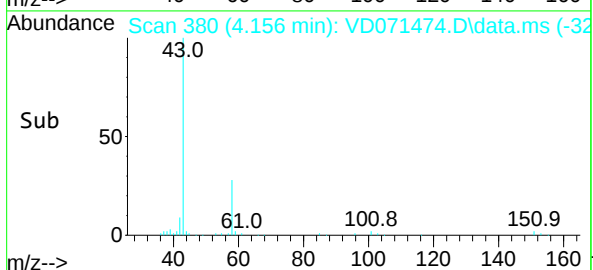
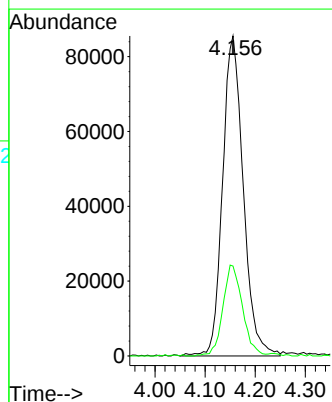
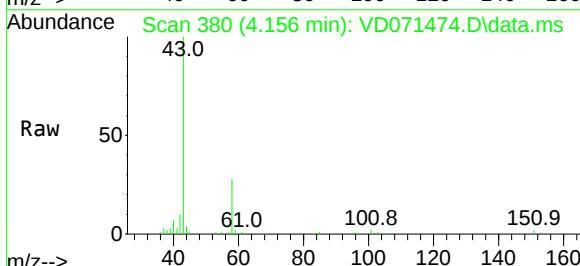
Manual Integrations
APPROVED

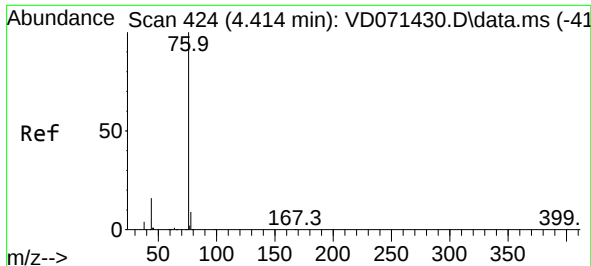
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#16
Acetone
Concen: 268.369 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

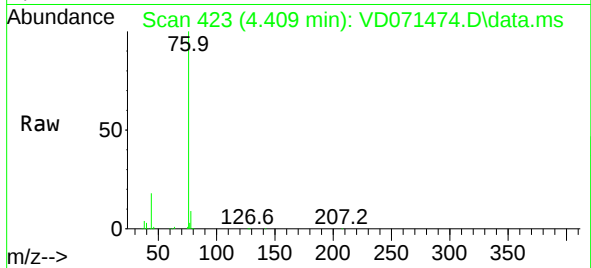
Tgt Ion: 43 Resp: 245484
Ion Ratio Lower Upper
43 100
58 28.1 27.8 41.8





#17
Carbon Disulfide
Concen: 40.816 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

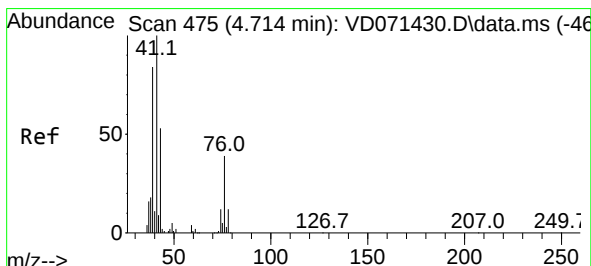
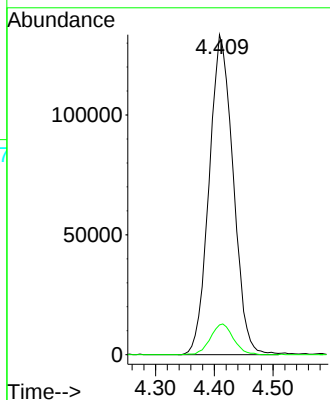
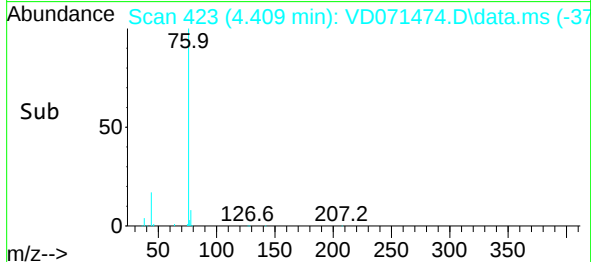
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



Tgt Ion: 76 Resp: 379920
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8

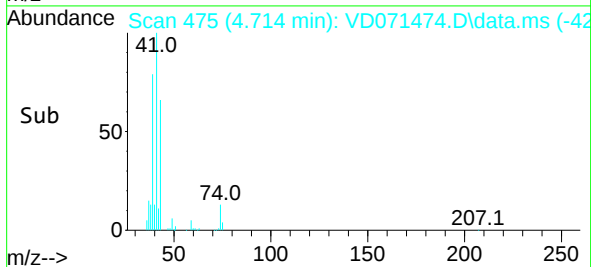
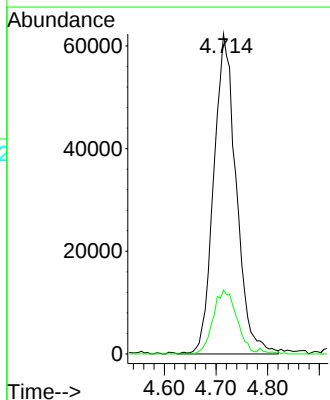
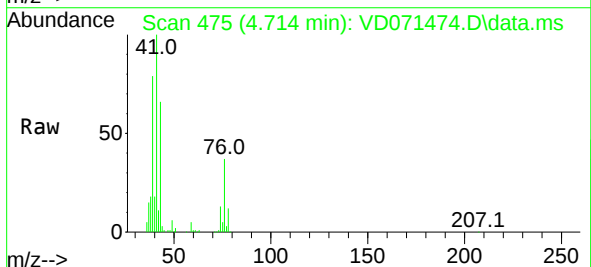
Manual Integrations
APPROVED

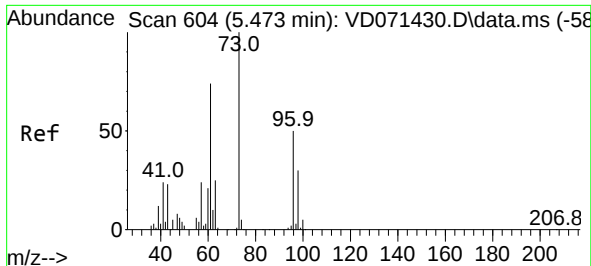
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#18
Methyl Acetate
Concen: 66.858 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

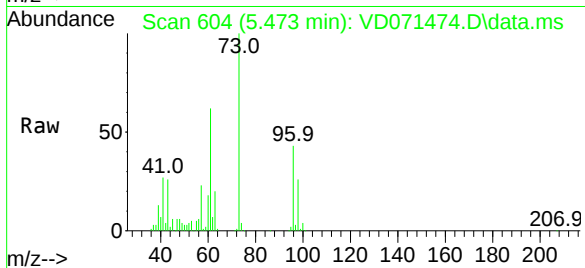
Tgt Ion: 43 Resp: 188763
Ion Ratio Lower Upper
43 100
74 20.9 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 64.834 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

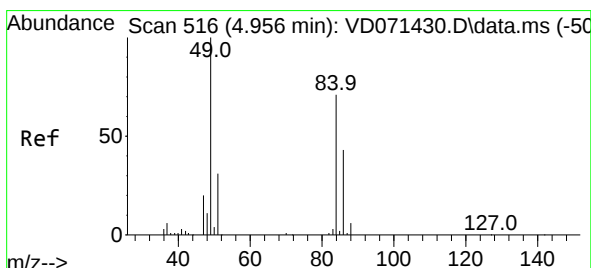
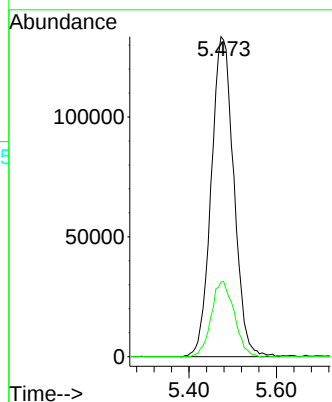
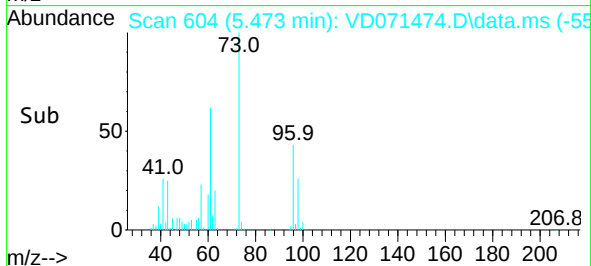
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



Tgt Ion: 73 Resp: 478132
Ion Ratio Lower Upper
73 100
57 23.3 18.9 28.3

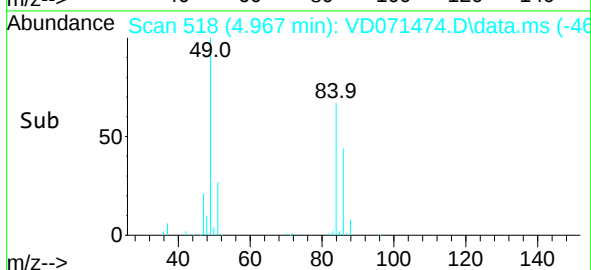
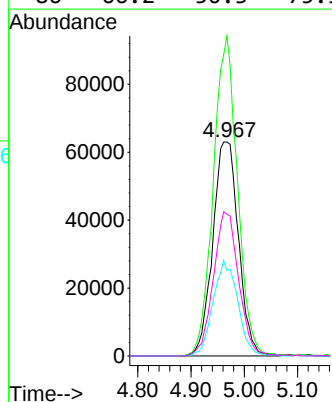
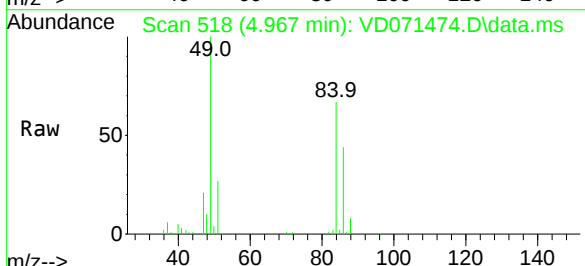
Manual Integrations
APPROVED

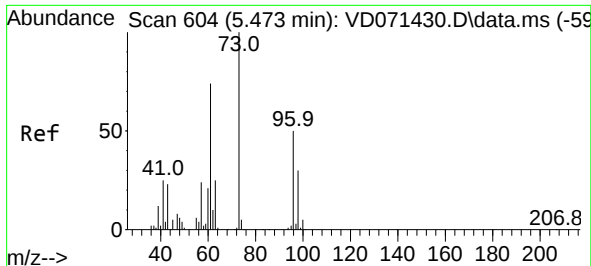
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#20
Methylene Chloride
Concen: 62.744 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

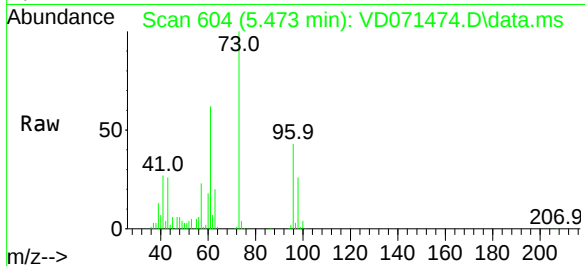
Tgt Ion: 84 Resp: 211471
Ion Ratio Lower Upper
84 100
49 149.6 95.8 143.6#
51 40.0 30.9 46.3
86 66.2 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 52.299 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

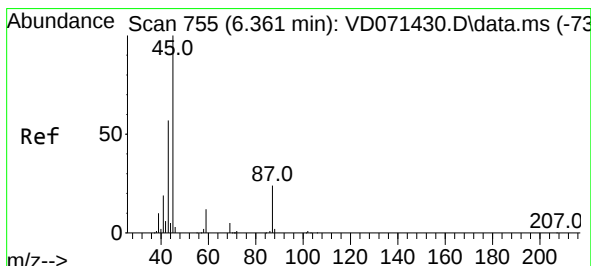
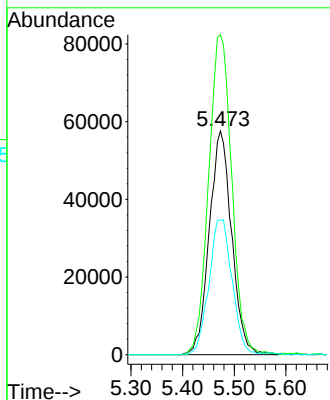
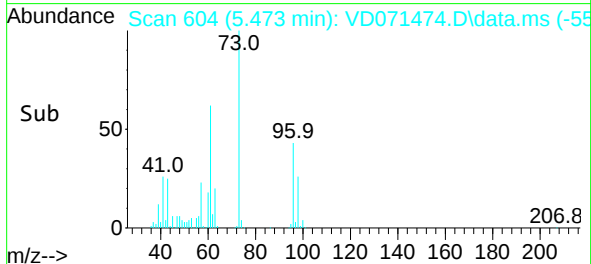
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



Tgt Ion: 96 Resp: 17305
Ion Ratio Lower Upper
96 100
61 143.1 102.1 153.1
98 60.1 50.1 75.1

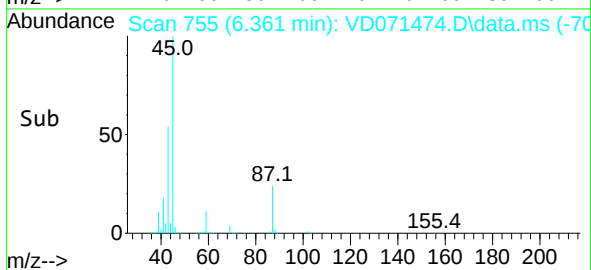
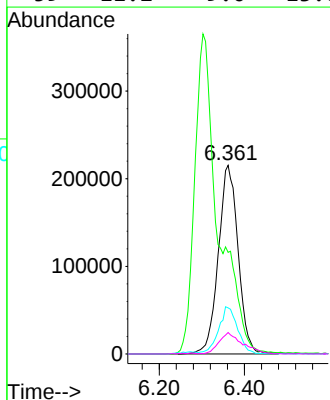
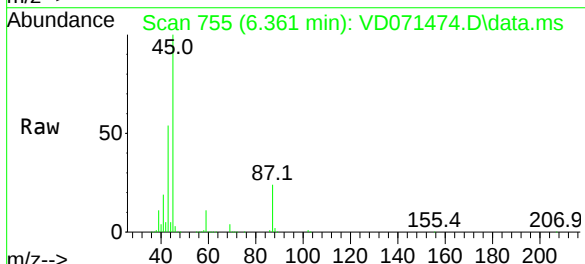
Manual Integrations
APPROVED

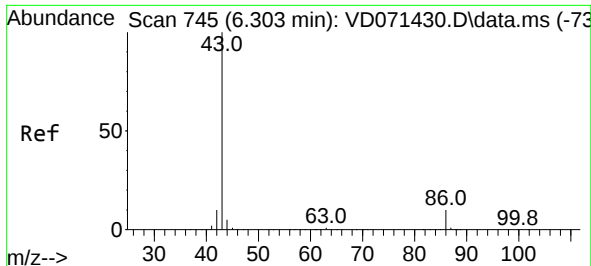
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#22
Diisopropyl ether
Concen: 63.150 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

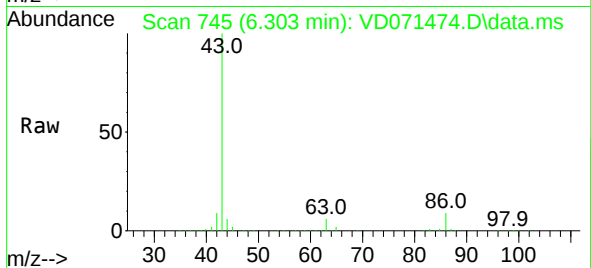
Tgt Ion: 45 Resp: 694662
Ion Ratio Lower Upper
45 100
43 53.2 39.6 59.4
87 24.4 21.2 31.8
59 11.2 9.0 13.6





#23
 Vinyl Acetate
 Concen: 245.780 ug/l m
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD071474.D
 Acq: 25 Dec 2021 22:47

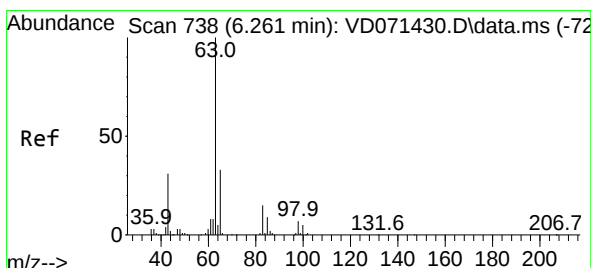
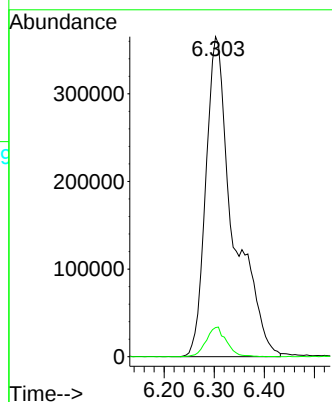
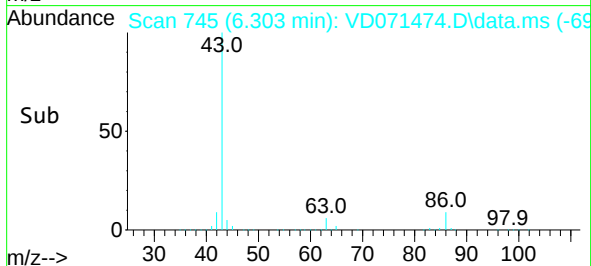
Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MS



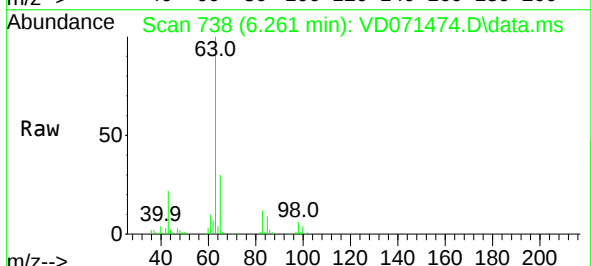
Tgt Ion: 43 Resp: 139374
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.2 12.4

Manual Integrations
 APPROVED

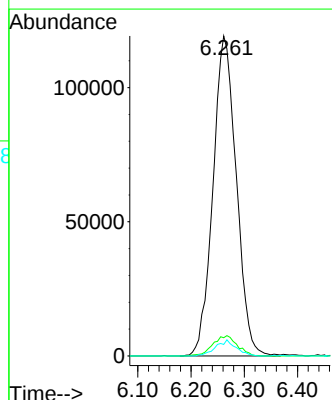
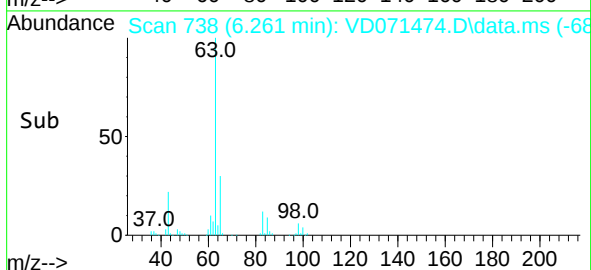
Reviewed By :Semsettin Yesilyurt 12/27/2021
 Supervised By :Mahesh Dadoda 01/02/2022

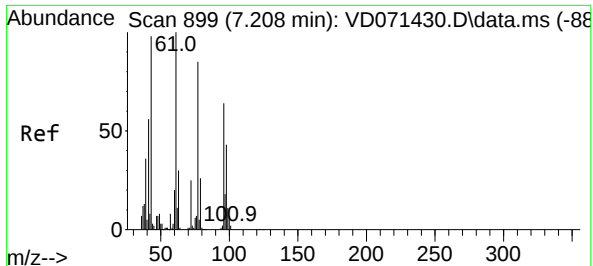


#24
 1,1-Dichloroethane
 Concen: 57.574 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD071474.D
 Acq: 25 Dec 2021 22:47



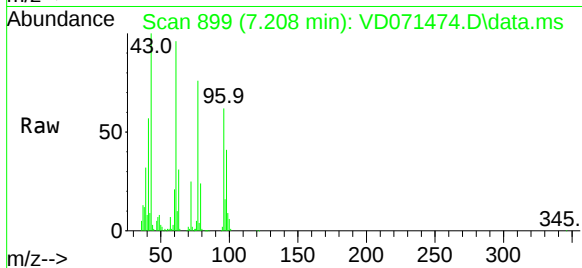
Tgt Ion: 63 Resp: 363074
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.5 10.6
 100 3.6 2.1 6.3





#25
2-Butanone
Concen: 292.507 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

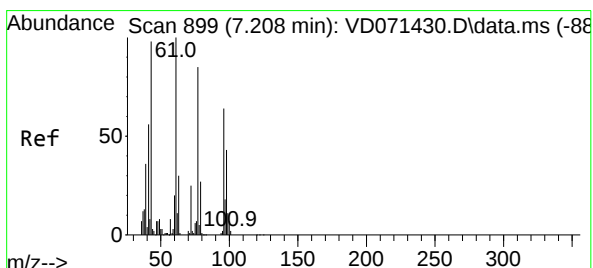
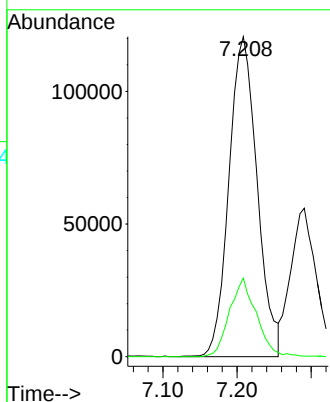
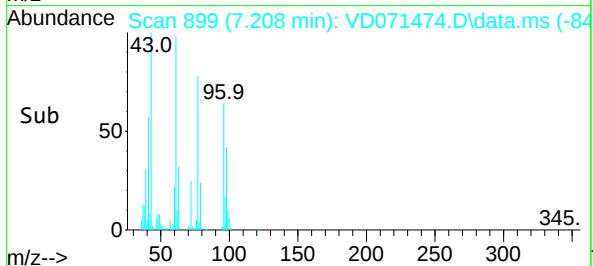
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



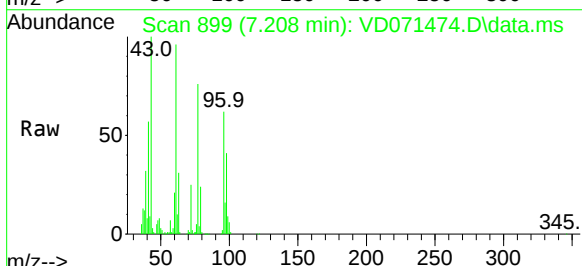
Tgt Ion: 43 Resp: 319593
Ion Ratio Lower Upper
43 100
72 24.6 23.8 35.6

Manual Integrations
APPROVED

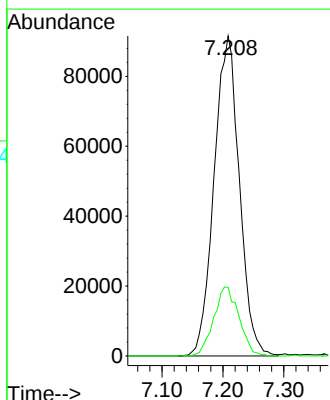
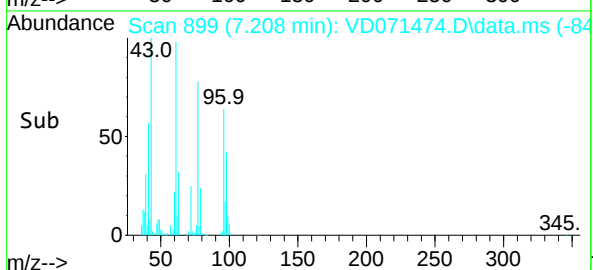
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022

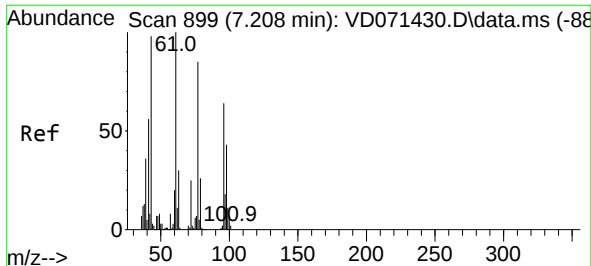


#26
2,2-Dichloropropane
Concen: 50.945 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47



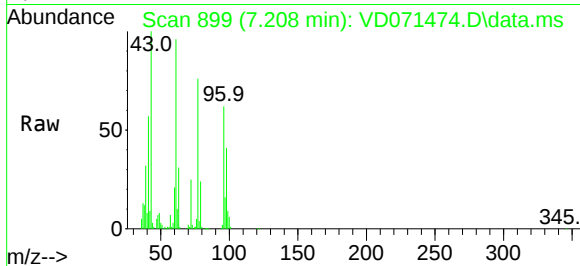
Tgt Ion: 77 Resp: 263973
Ion Ratio Lower Upper
77 100
97 21.5 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 56.408 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

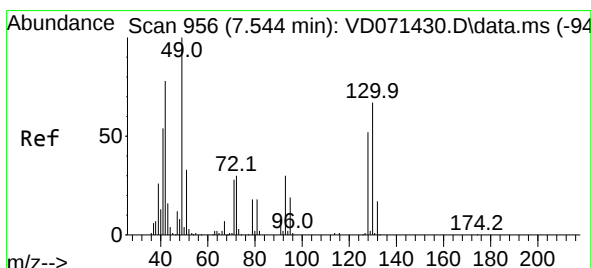
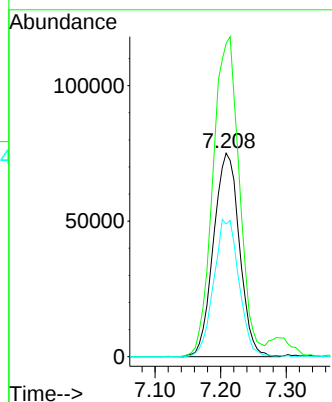
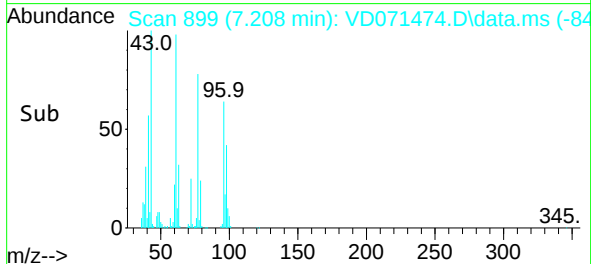
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



Tgt Ion: 96 Resp: 206440
Ion Ratio Lower Upper
96 100
61 160.2 0.0 288.6
98 65.8 0.0 129.2

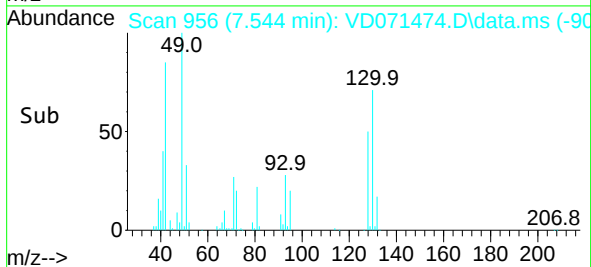
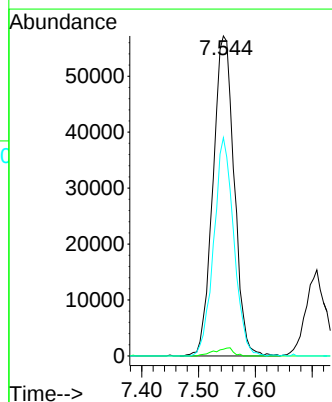
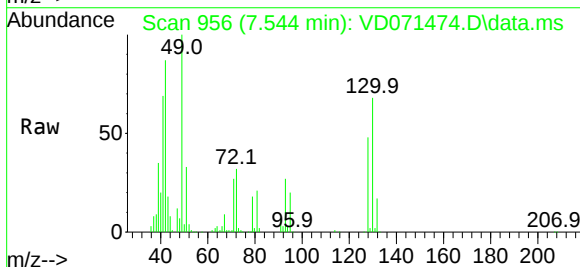
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#28
Bromochloromethane
Concen: 57.460 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

Tgt Ion: 49 Resp: 148488
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.0
130 64.2 60.2 90.2





#29

Tetrahydrofuran

Concen: 308.351 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD071474.D

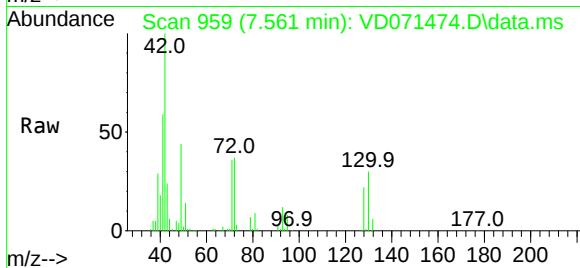
Acq: 25 Dec 2021 22:47

Instrument :

MSVOA_D

ClientSampleId :

DB-4-(7.5-8)-12-8-21MS



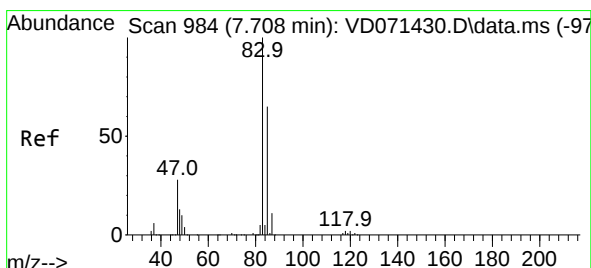
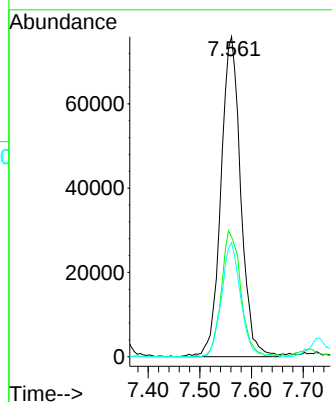
Tgt Ion: 42 Resp: 20228

Ion	Ratio	Lower	Upper
42	100		
72	38.5	33.7	50.5
71	34.3	32.7	49.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#30

Chloroform

Concen: 57.957 ug/l

RT: 7.708 min Scan# 984

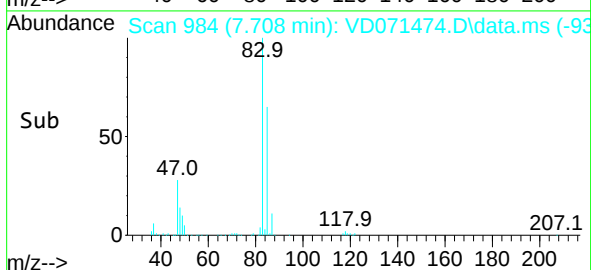
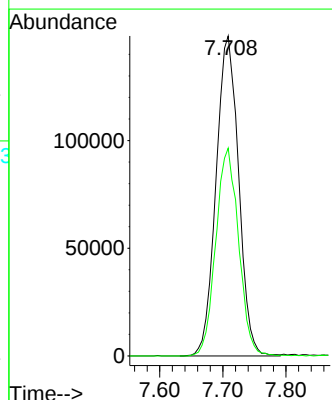
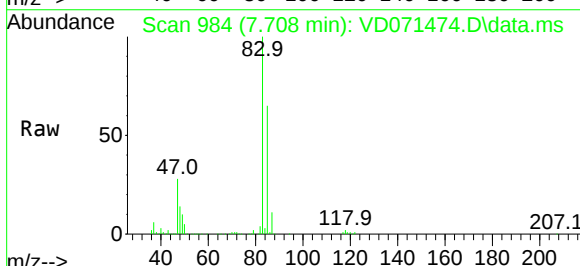
Delta R.T. 0.006 min

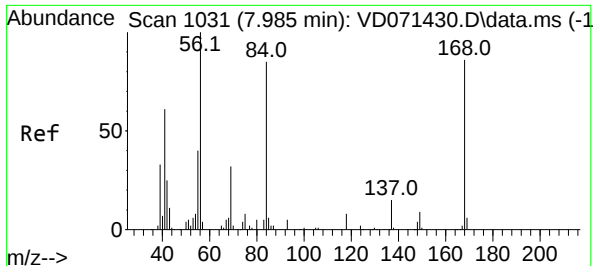
Lab File: VD071474.D

Acq: 25 Dec 2021 22:47

Tgt Ion: 83 Resp: 368783

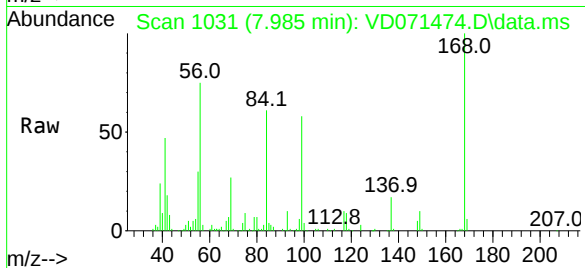
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.0	76.6





#31
Cyclohexane
Concen: 31.393 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

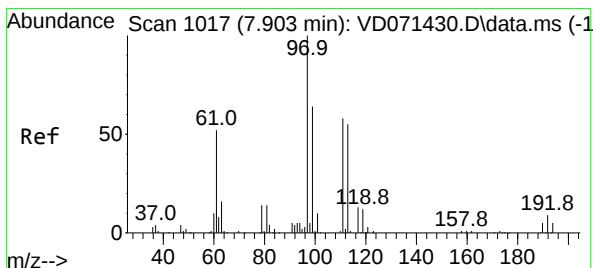
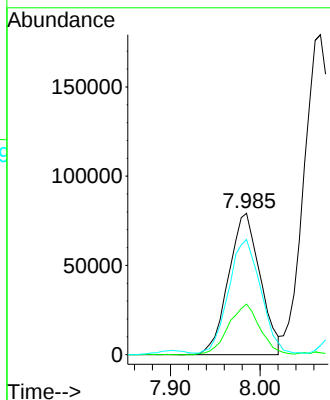
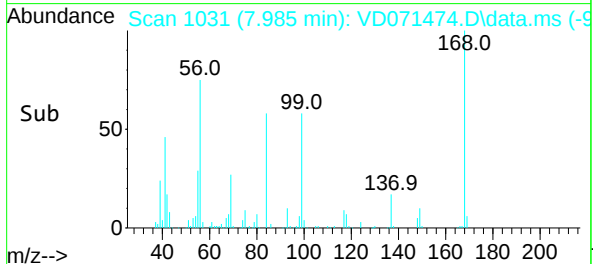
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



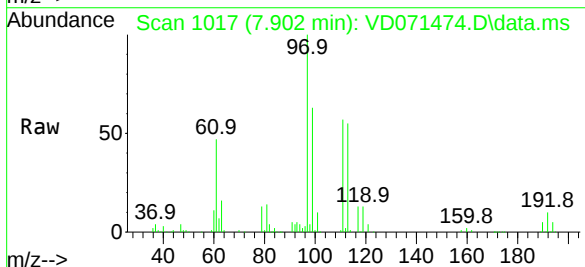
Tgt Ion: 56 Resp: 194208
Ion Ratio Lower Upper
56 100
69 35.7 25.9 38.9
84 78.8 64.3 96.5

Manual Integrations
APPROVED

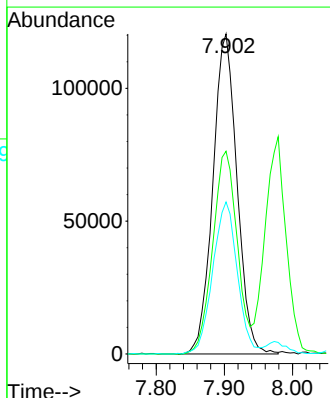
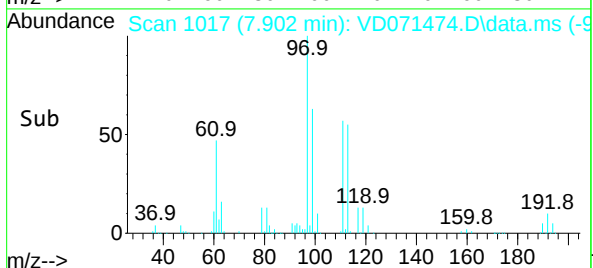
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022

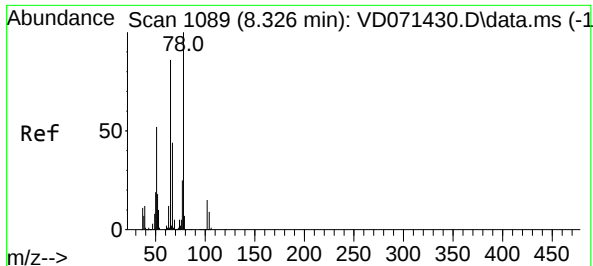


#32
1,1,1-Trichloroethane
Concen: 52.671 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47



Tgt Ion: 97 Resp: 297235
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 48.5 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 62.459 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071474.D

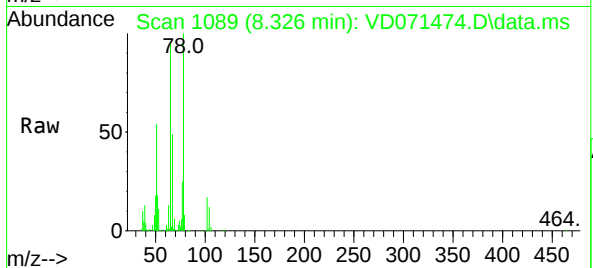
Acq: 25 Dec 2021 22:47

Instrument :

MSVOA_D

ClientSampleId :

DB-4-(7.5-8)-12-8-21MS



Tgt Ion: 65 Resp: 227458

Ion Ratio Lower Upper

65 100

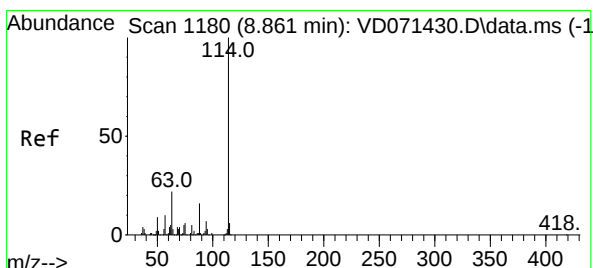
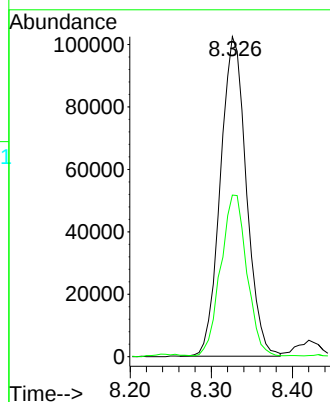
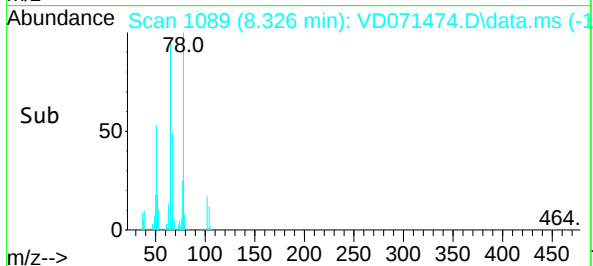
67 50.7 0.0 112.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/27/2021

Supervised By :Mahesh Dadoda 01/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071474.D

Acq: 25 Dec 2021 22:47

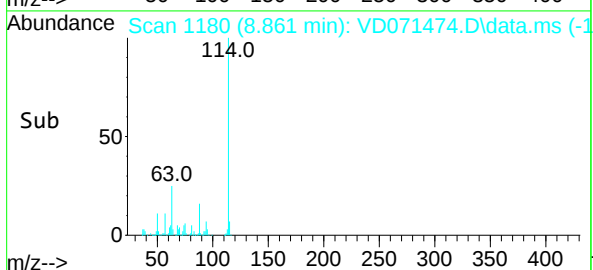
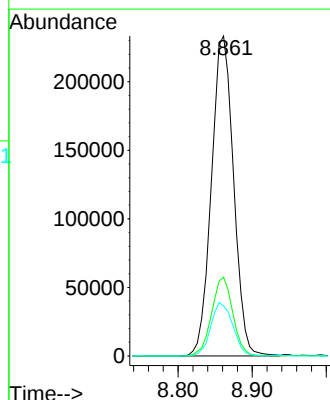
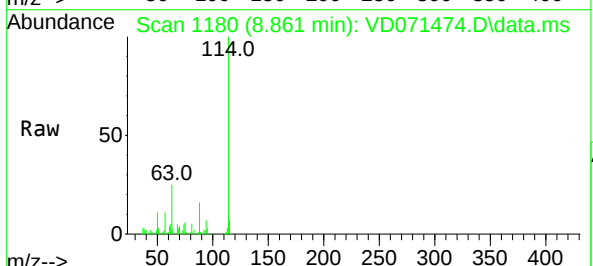
Tgt Ion:114 Resp: 484933

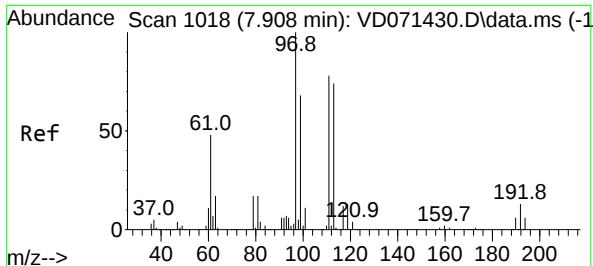
Ion Ratio Lower Upper

114 100

63 24.6 0.0 41.8

88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 58.088 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD071474.D

Acq: 25 Dec 2021 22:47

Instrument :

MSVOA_D

ClientSampleId :

DB-4-(7.5-8)-12-8-21MS

Tgt Ion:113 Resp: 18931

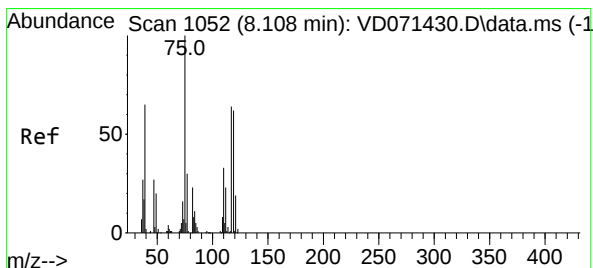
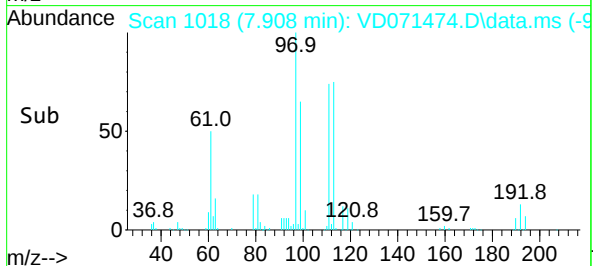
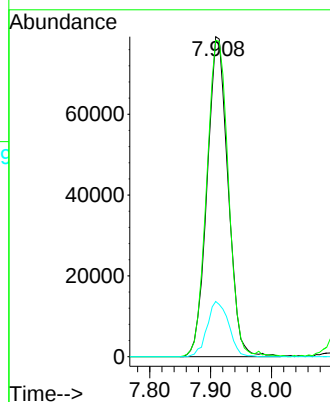
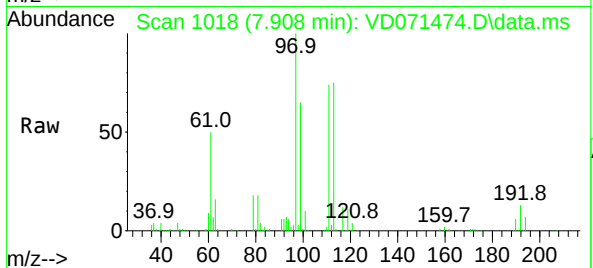
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	17.7	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/27/2021

Supervised By :Mahesh Dadoda 01/02/2022



#36

1,1-Dichloropropene

Concen: 45.813 ug/l

RT: 8.108 min Scan# 1052

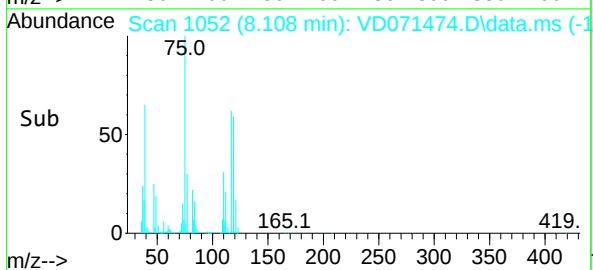
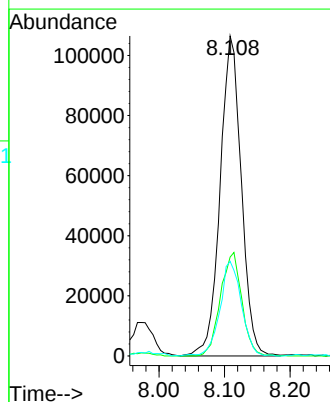
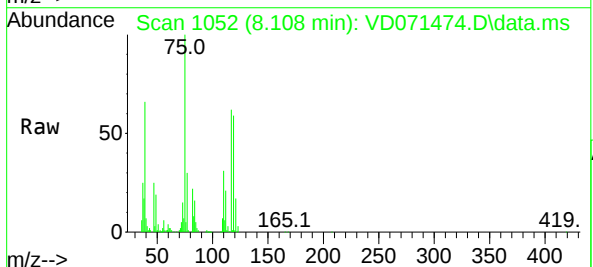
Delta R.T. 0.000 min

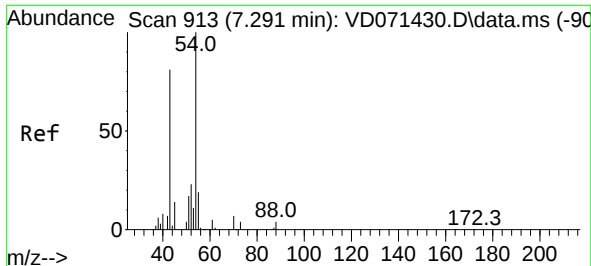
Lab File: VD071474.D

Acq: 25 Dec 2021 22:47

Tgt Ion: 75 Resp: 238546

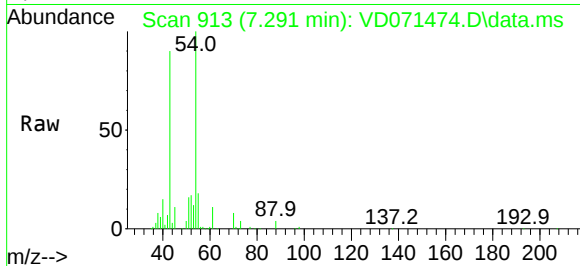
Ion	Ratio	Lower	Upper
75	100		
110	32.7	17.8	53.4
77	30.1	24.8	37.2





#37
Ethyl Acetate
Concen: 57.261 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.006 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

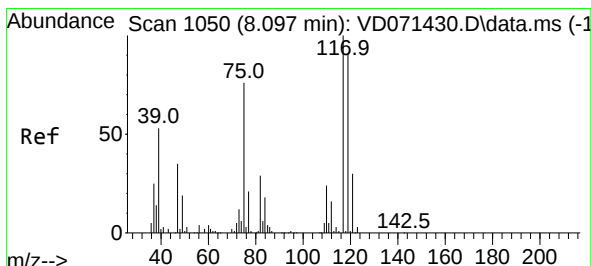
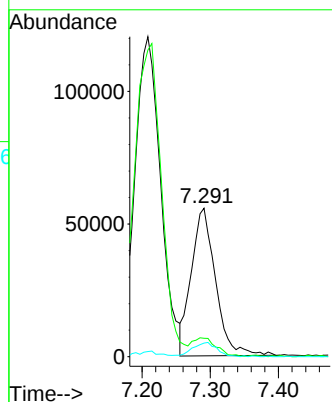
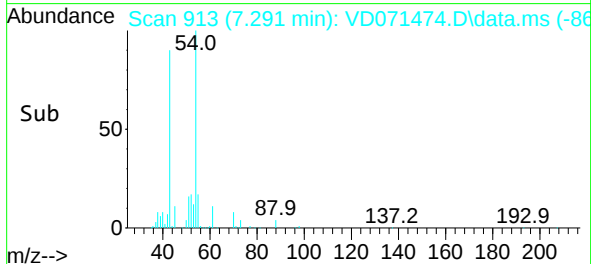
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



Tgt Ion: 43 Resp: 137645
Ion Ratio Lower Upper
43 100
61 12.1 13.0 19.6
70 9.7 8.7 13.1

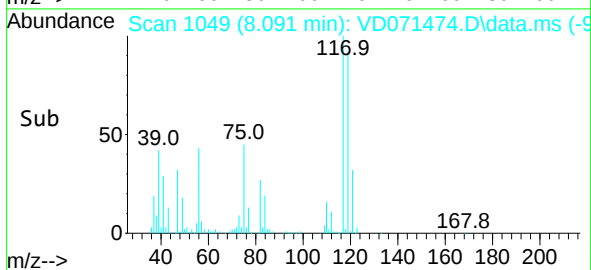
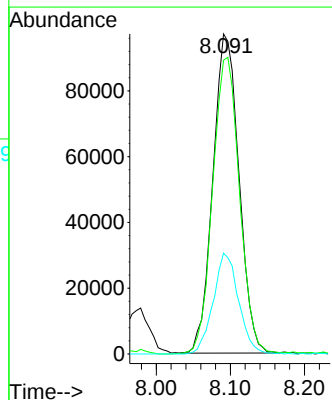
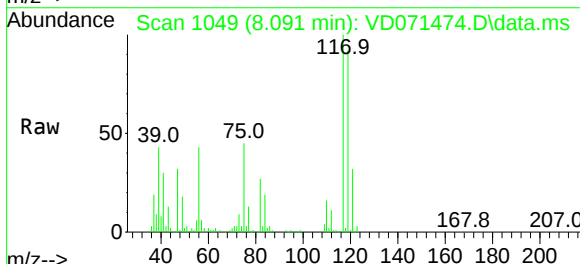
Manual Integrations
APPROVED

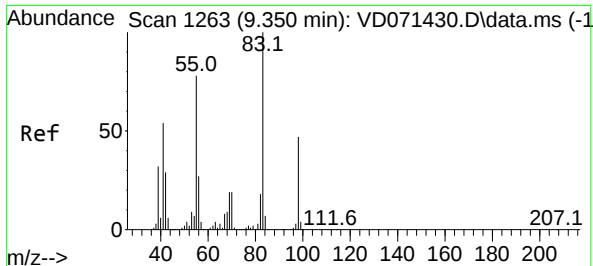
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#38
Carbon Tetrachloride
Concen: 46.171 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

Tgt Ion:117 Resp: 237185
Ion Ratio Lower Upper
117 100
119 91.9 75.8 113.6
121 31.6 23.6 35.4





#39

Methylcyclohexane

Concen: 41.538 ug/l

RT: 9.349 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD071474.D

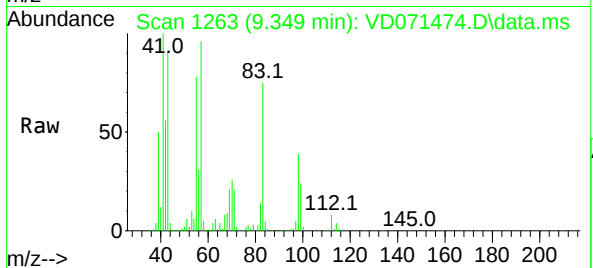
Acq: 25 Dec 2021 22:47

Instrument :

MSVOA_D

ClientSampleId :

DB-4-(7.5-8)-12-8-21MS



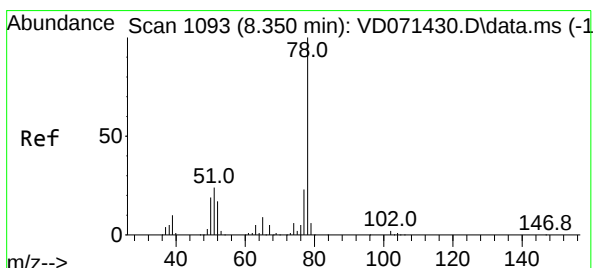
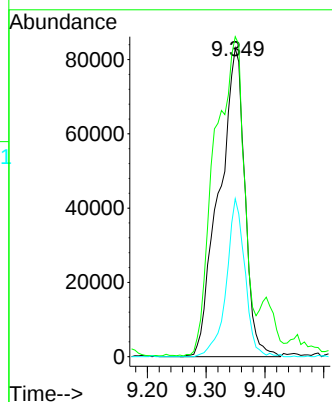
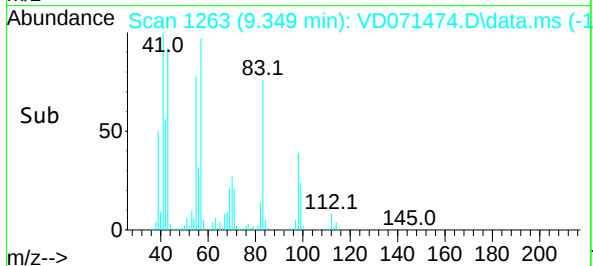
Tgt Ion:	83	Resp:	25318
Ion Ratio	Lower	Upper	
83	100		
55	103.2	65.8	98.8
98	51.2	38.7	58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/27/2021

Supervised By :Mahesh Dadoda 01/02/2022



#40

Benzene

Concen: 50.052 ug/l

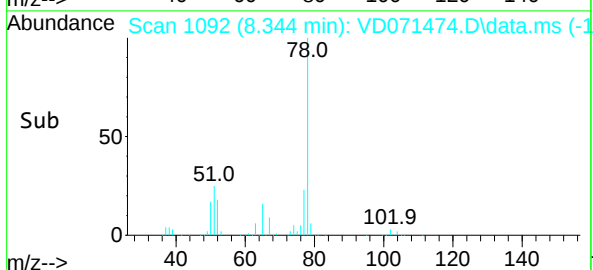
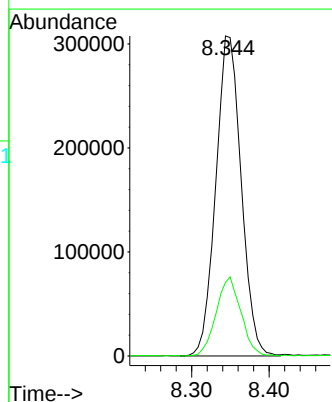
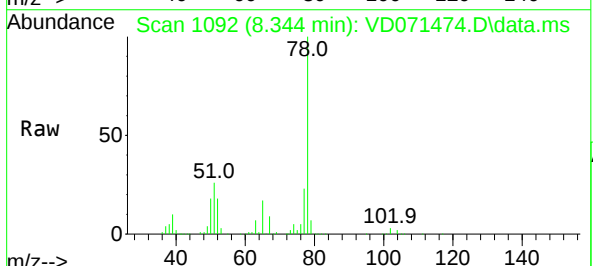
RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD071474.D

Acq: 25 Dec 2021 22:47

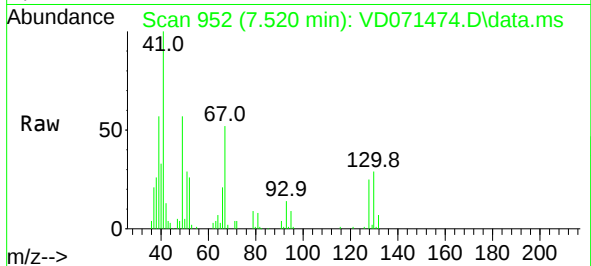
Tgt Ion:	78	Resp:	700616
Ion Ratio	Lower	Upper	
78	100		
77	23.0	19.1	28.7





#41
Methacrylonitrile
Concen: 58.937 ug/l
RT: 7.520 min Scan# 915
Delta R.T. -0.006 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

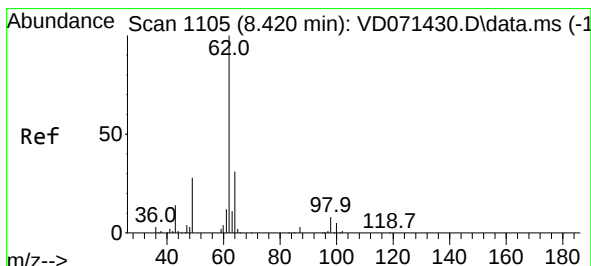
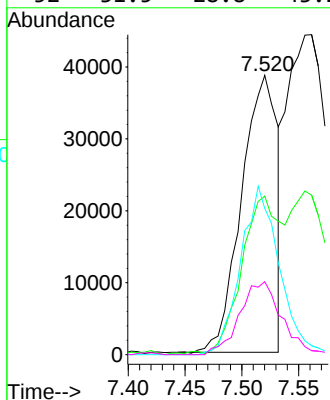
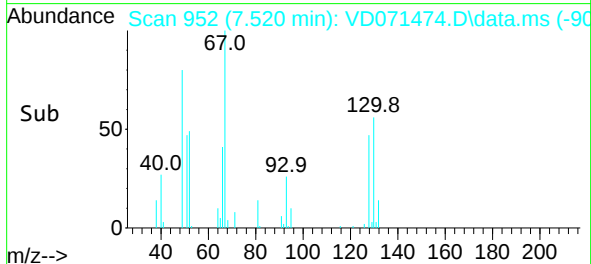
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



Tgt Ion: 41 Resp: 84152
Ion Ratio Lower Upper
41 100
39 65.2 60.2 90.4
67 66.1 74.8 112.2
52 31.5 28.8 43.2

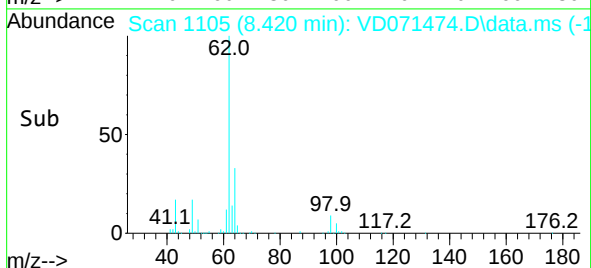
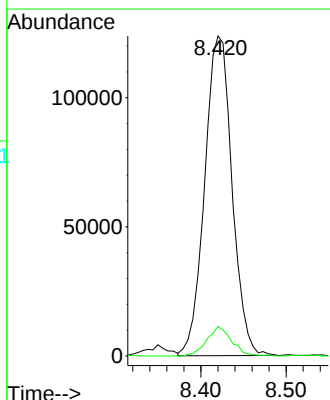
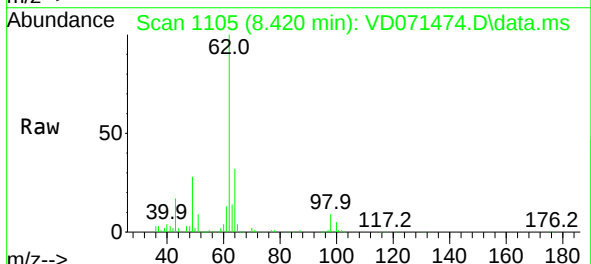
Manual Integrations
APPROVED

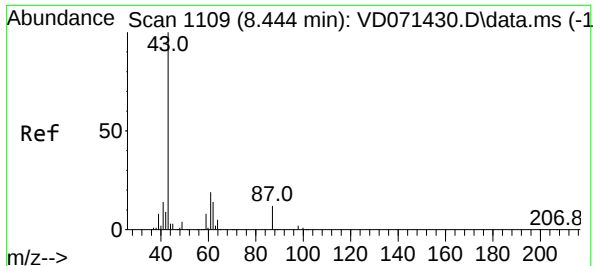
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#42
1,2-Dichloroethane
Concen: 60.482 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

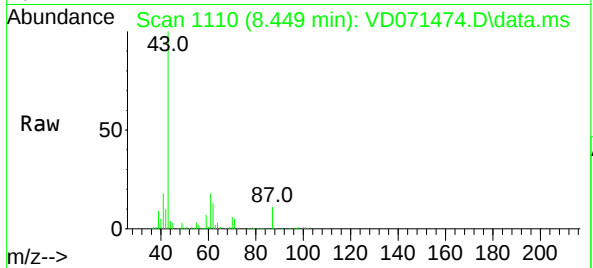
Tgt Ion: 62 Resp: 276067
Ion Ratio Lower Upper
62 100
98 8.4 0.0 21.8





#43
Isopropyl Acetate
Concen: 66.907 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

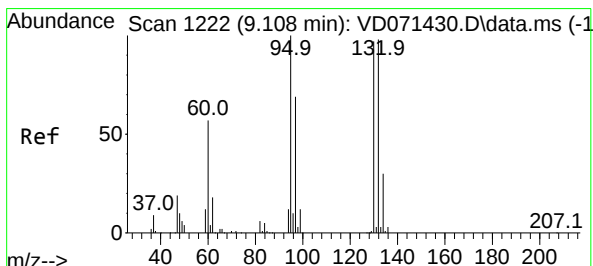
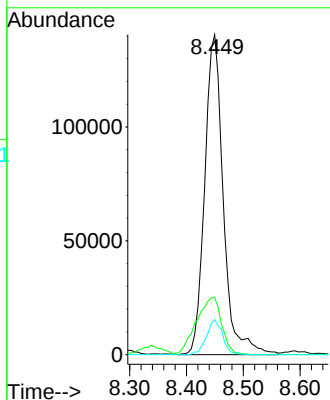
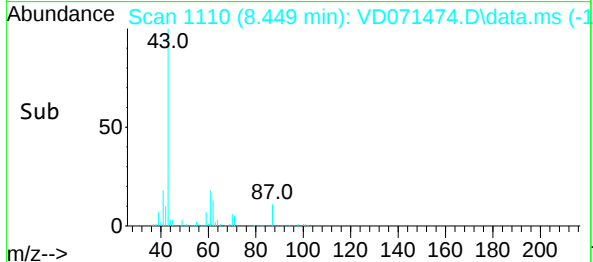
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



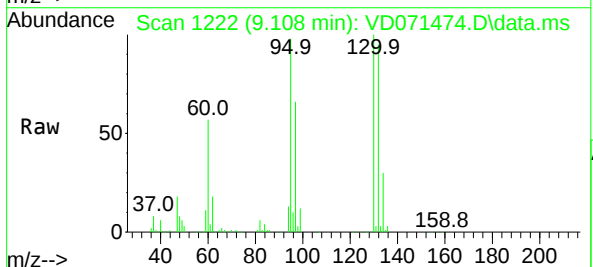
Tgt Ion: 43 Resp: 319179
Ion Ratio Lower Upper
43 100
61 24.3 28.2 42.4
87 9.5 10.7 16.1

Manual Integrations
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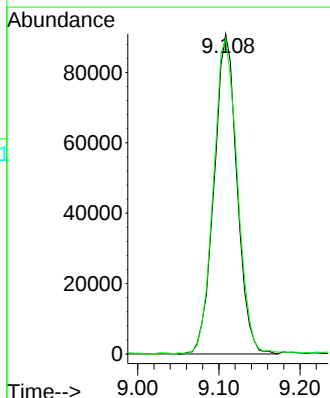
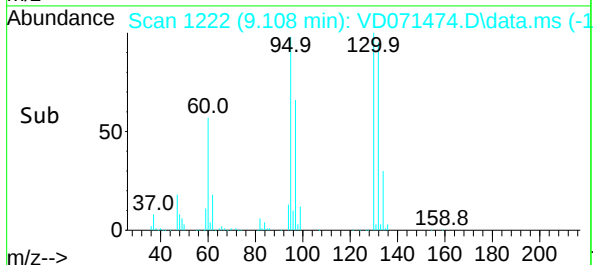
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022

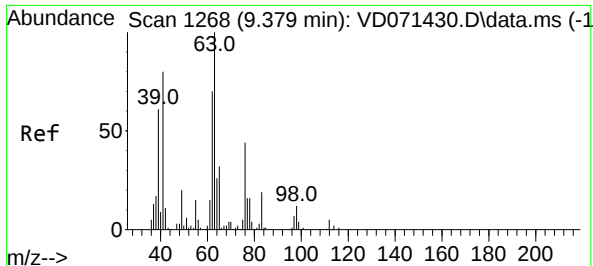


#44
Trichloroethene
Concen: 48.853 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47



Tgt Ion:130 Resp: 178200
Ion Ratio Lower Upper
130 100
95 98.1 0.0 193.2





#45

1,2-Dichloropropane

Concen: 54.977 ug/l

RT: 9.385 min Scan# 1268

Delta R.T. 0.006 min

Lab File: VD071474.D

Acq: 25 Dec 2021 22:47

Instrument :

MSVOA_D

ClientSampleId :

DB-4-(7.5-8)-12-8-21MS

Tgt Ion: 63 Resp: 19968

Ion Ratio Lower Upper

63 100

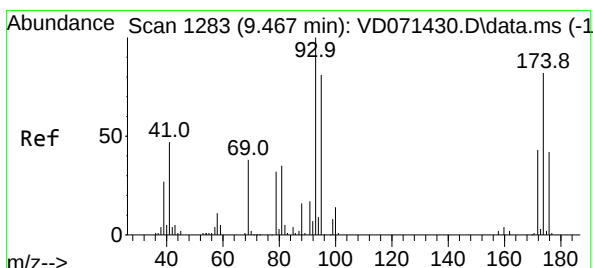
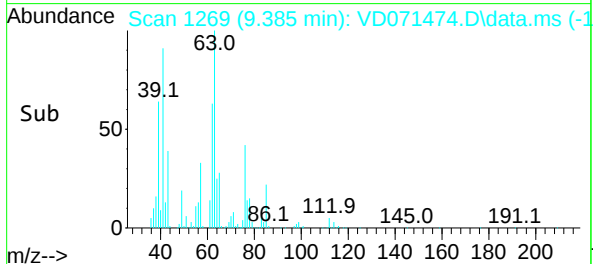
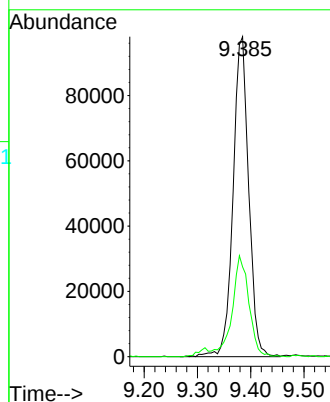
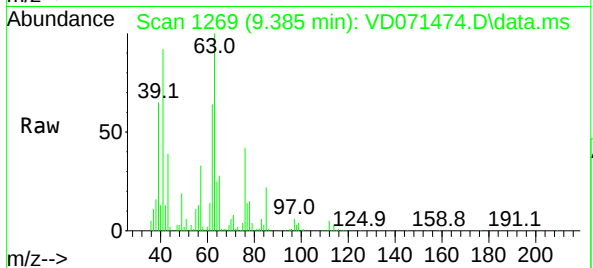
65 28.0 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/27/2021

Supervised By :Mahesh Dadoda 01/02/2022



#46

Dibromomethane

Concen: 57.433 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD071474.D

Acq: 25 Dec 2021 22:47

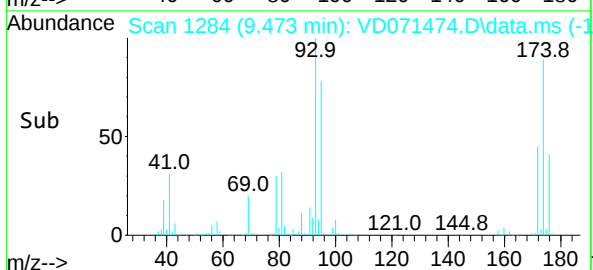
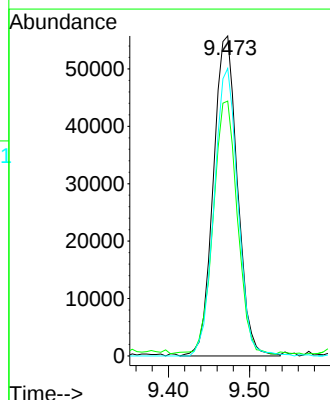
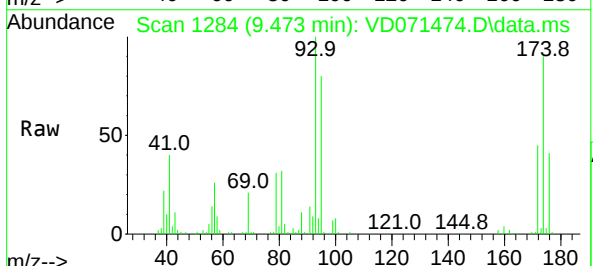
Tgt Ion: 93 Resp: 115250

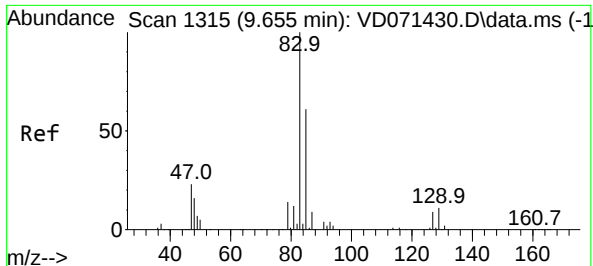
Ion Ratio Lower Upper

93 100

95 78.9 66.1 99.1

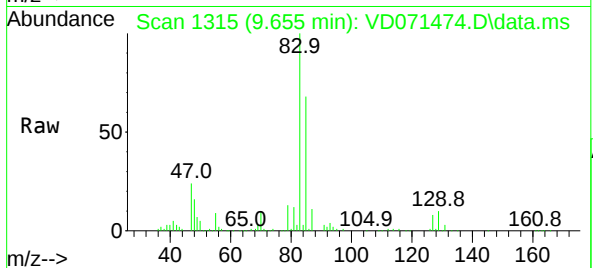
174 88.4 78.6 117.8





#47
Bromodichloromethane
Concen: 61.366 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

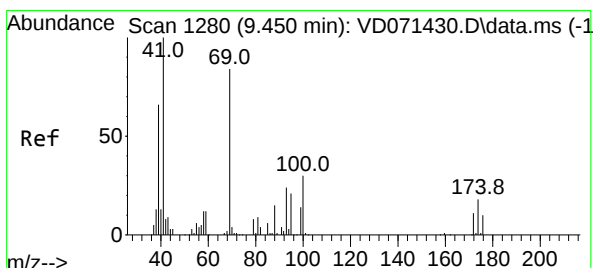
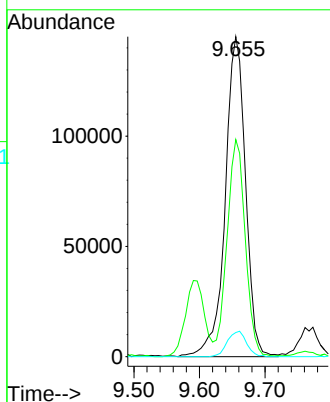
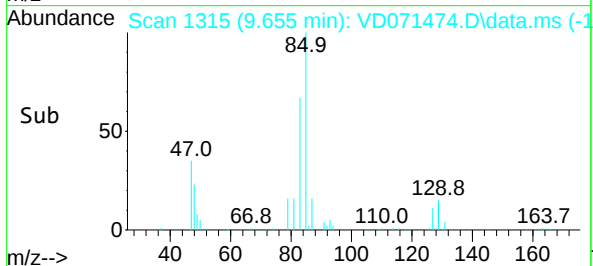
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



Tgt Ion: 83 Resp: 31264
Ion Ratio Lower Upper
83 100
85 67.5 50.0 75.0
127 7.5 7.3 10.9

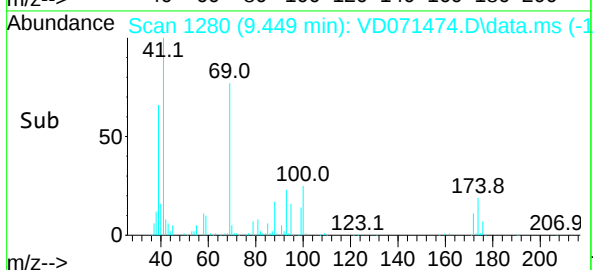
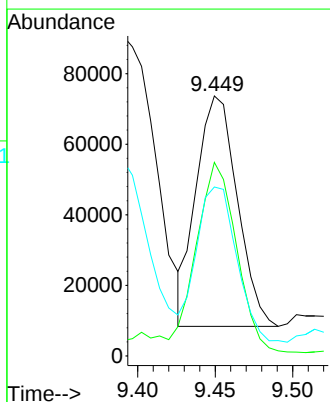
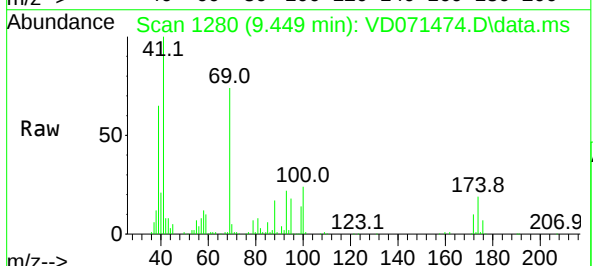
Manual Integrations
APPROVED

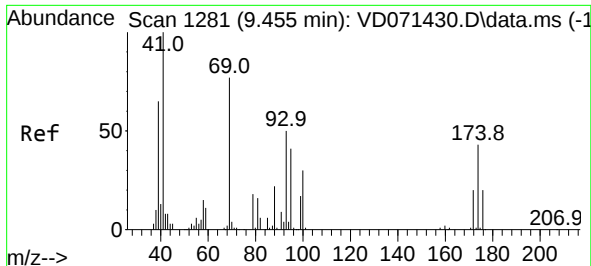
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#48
Methyl methacrylate
Concen: 50.896 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

Tgt Ion: 41 Resp: 120149
Ion Ratio Lower Upper
41 100
69 81.7 69.8 104.6
39 79.3 35.6 53.4





#49

1,4-Dioxane

Concen: 1069.181 ug/l

RT: 9.449 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VD071474.D

Acq: 25 Dec 2021 22:47

Instrument :

MSVOA_D

ClientSampleId :

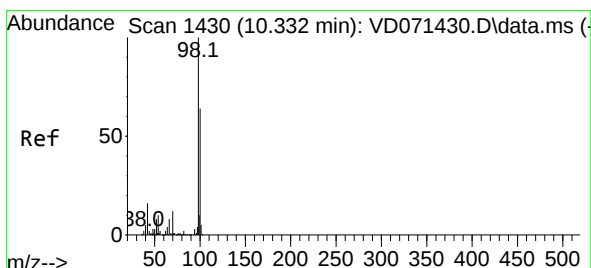
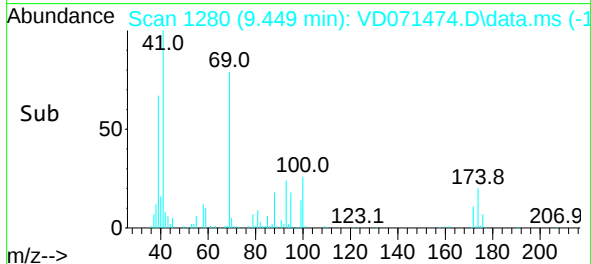
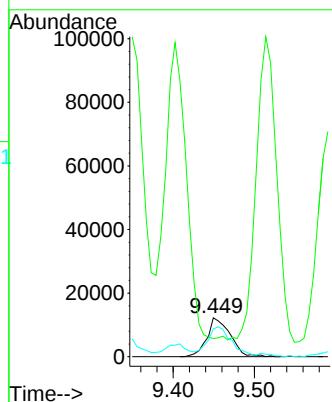
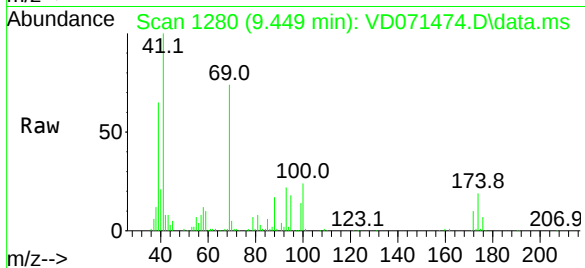
DB-4-(7.5-8)-12-8-21MS

Tgt Ion:	88	Resp:	24245
Ion Ratio	Lower	Upper	
88	100		
43	0.0	28.9	43.3
58	74.1	56.3	84.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#50

Toluene-d8

Concen: 52.519 ug/l

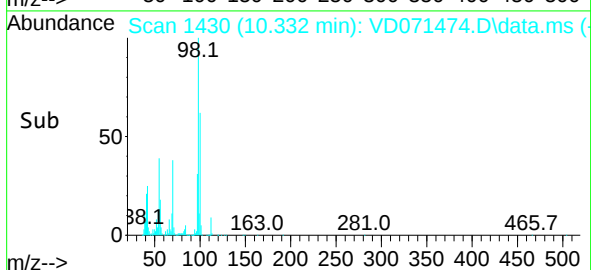
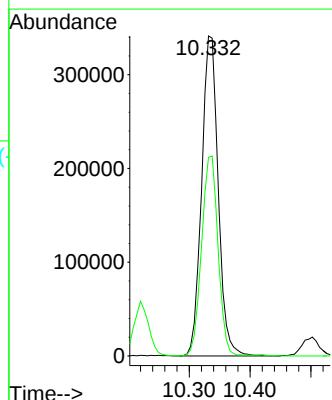
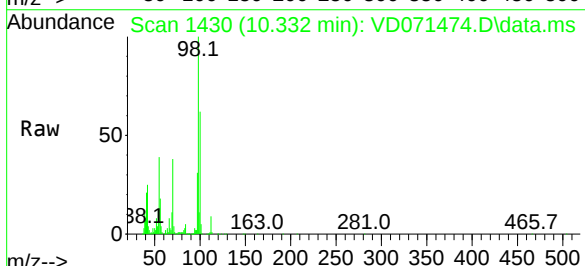
RT: 10.332 min Scan# 1430

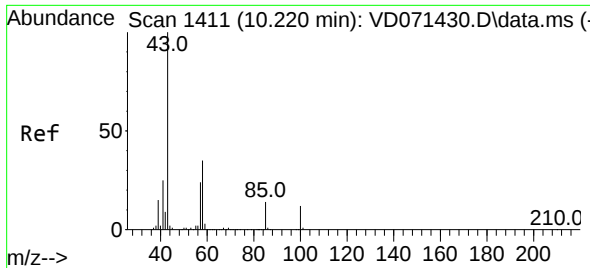
Delta R.T. -0.000 min

Lab File: VD071474.D

Acq: 25 Dec 2021 22:47

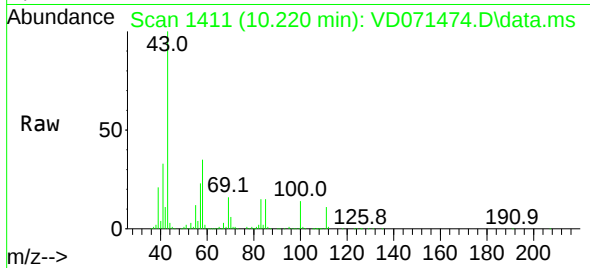
Tgt Ion:	98	Resp:	646839
Ion Ratio	Lower	Upper	
98	100		
100	61.8	51.8	77.6





#51
4-Methyl-2-Pentanone
Concen: 305.912 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

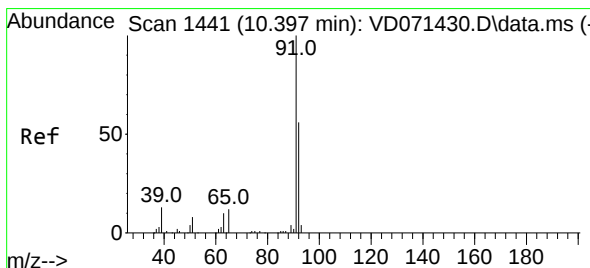
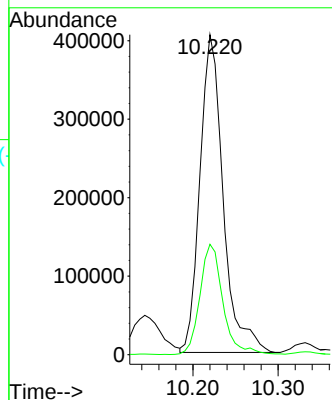
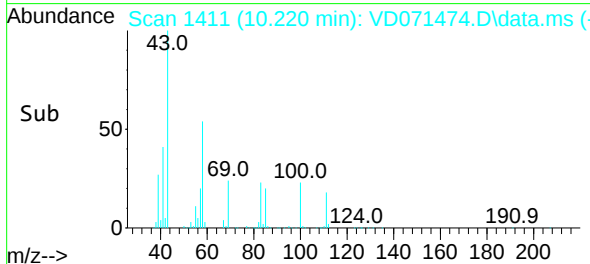
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



Tgt Ion: 43 Resp: 767780
Ion Ratio Lower Upper
43 100
58 34.5 33.1 49.7

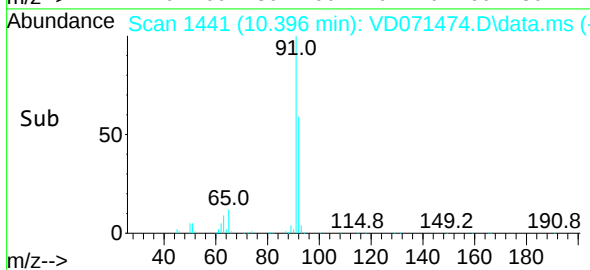
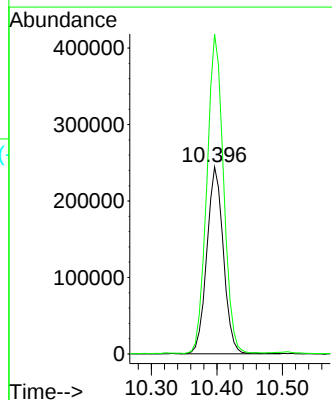
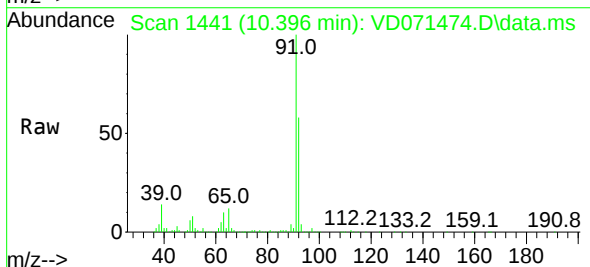
Manual Integrations
APPROVED

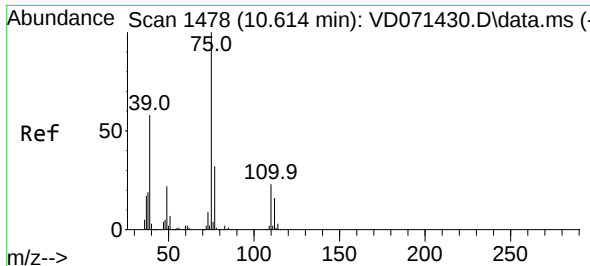
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#52
Toluene
Concen: 48.265 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

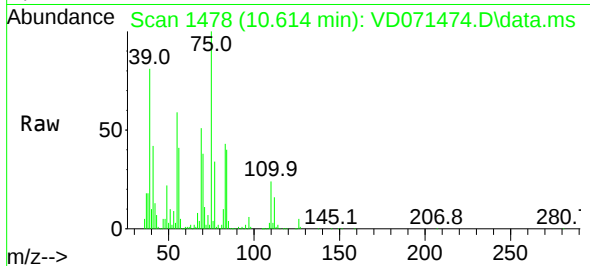
Tgt Ion: 92 Resp: 429164
Ion Ratio Lower Upper
92 100
91 172.1 140.7 211.1





#53
t-1,3-Dichloropropene
Concen: 54.398 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

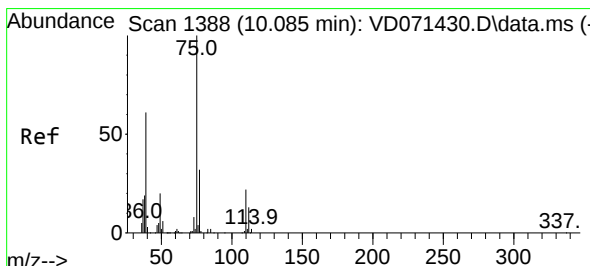
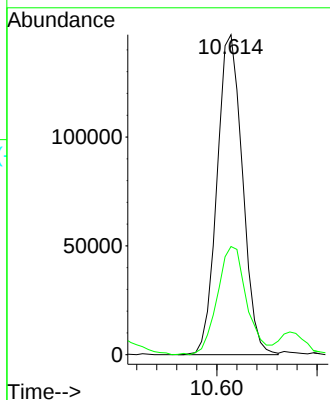
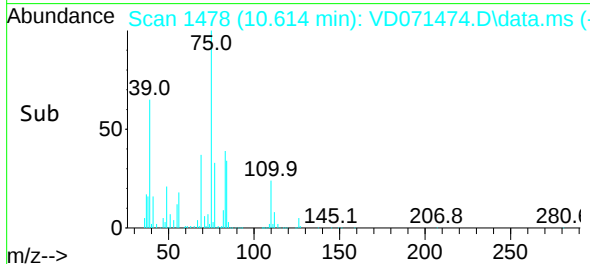
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



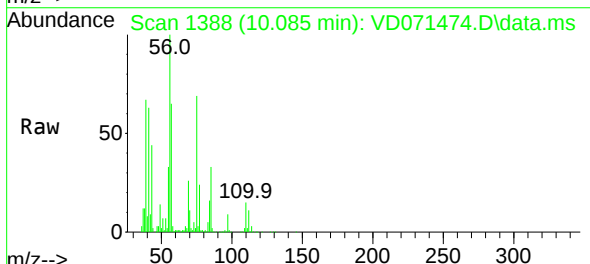
Tgt Ion: 75 Resp: 258797
Ion Ratio Lower Upper
75 100
77 33.7 24.5 36.7

Manual Integrations
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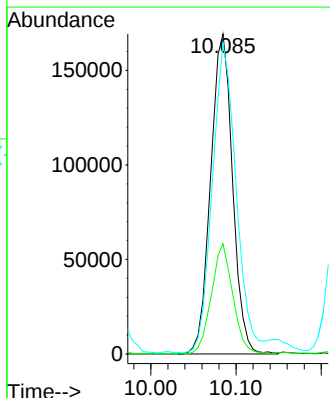
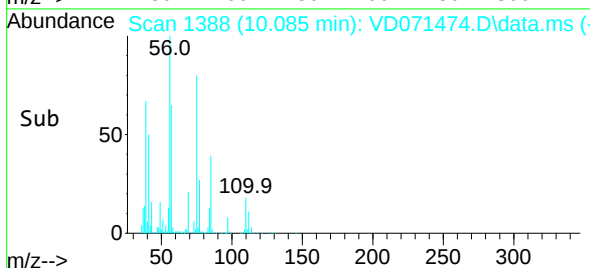
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022

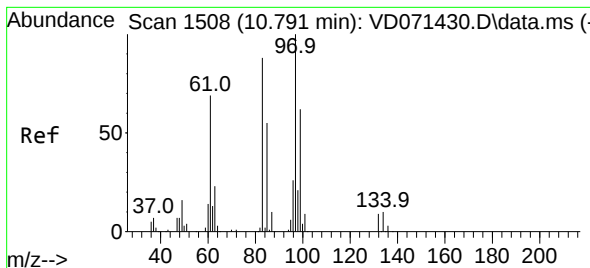


#54
cis-1,3-Dichloropropene
Concen: 55.106 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47



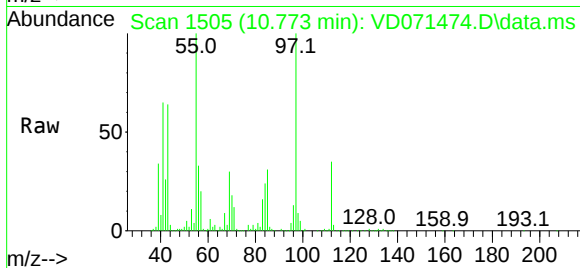
Tgt Ion: 75 Resp: 302949
Ion Ratio Lower Upper
75 100
77 34.5 25.0 37.6
39 96.7 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 244.015 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.018 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

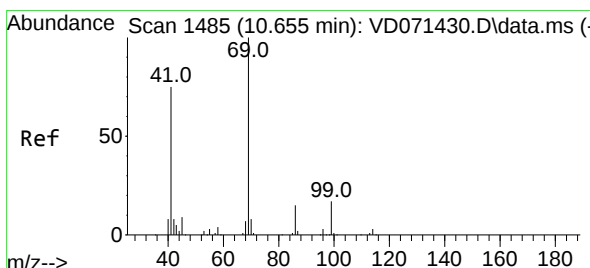
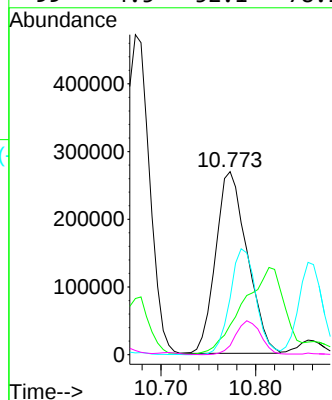
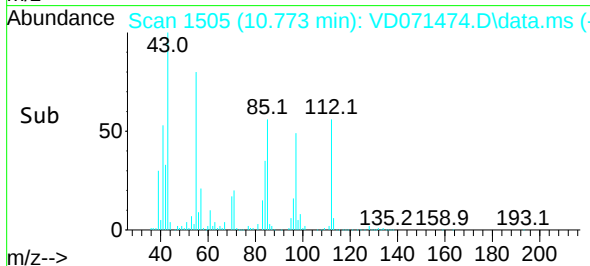
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



Tgt Ion: 97 Resp: 621534
Ion Ratio Lower Upper
97 100
83 16.0 65.2 97.8#
85 31.1 43.4 65.0#
99 4.5 52.1 78.1#

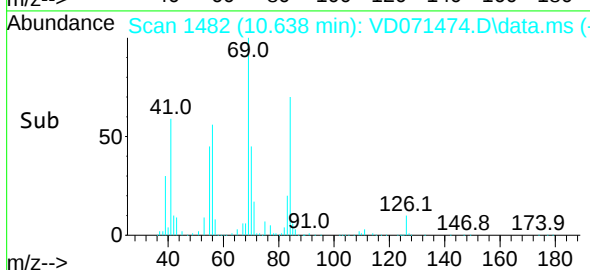
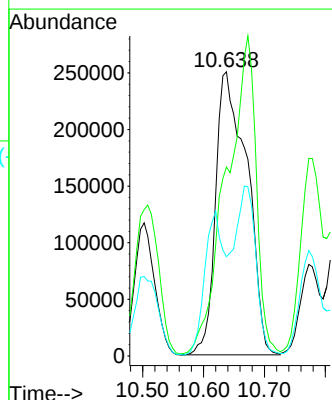
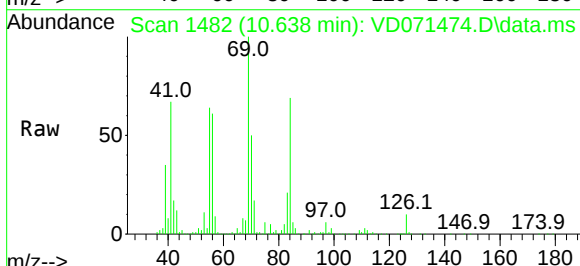
Manual Integrations
APPROVED

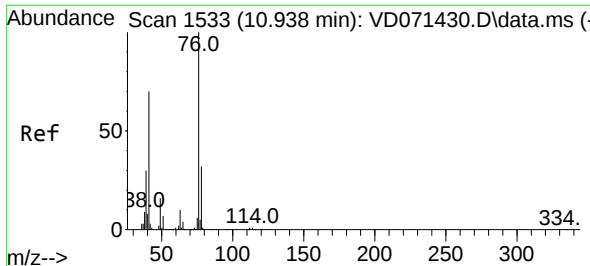
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#56
Ethyl methacrylate
Concen: 266.663 ug/l
RT: 10.638 min Scan# 1482
Delta R.T. -0.017 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

Tgt Ion: 69 Resp: 893810
Ion Ratio Lower Upper
69 100
41 0.0 50.2 75.2#
39 31.2 19.8 29.8#





#57

1,3-Dichloropropane

Concen: 59.069 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD071474.D

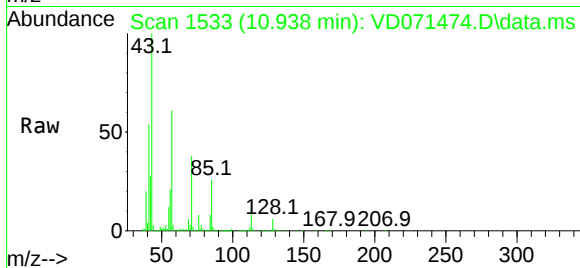
Acq: 25 Dec 2021 22:47

Instrument :

MSVOA_D

ClientSampleId :

DB-4-(7.5-8)-12-8-21MS



Tgt Ion: 76 Resp: 27559

Ion Ratio Lower Upper

76 100

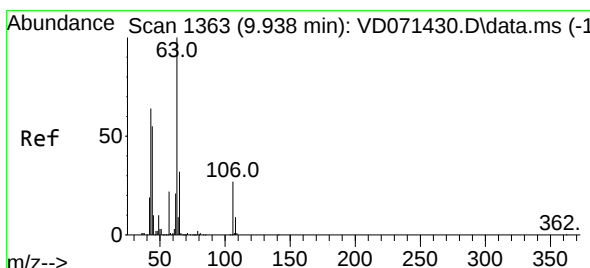
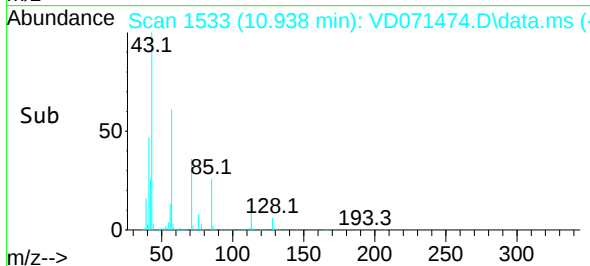
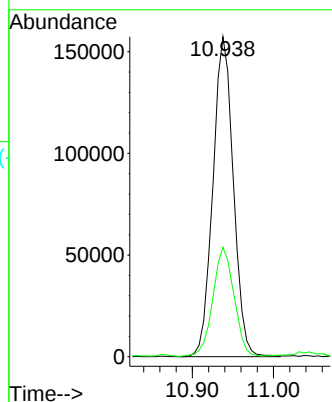
78 35.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/27/2021

Supervised By :Mahesh Dadoda 01/02/2022



#58

2-Chloroethyl Vinyl ether

Concen: 303.197 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071474.D

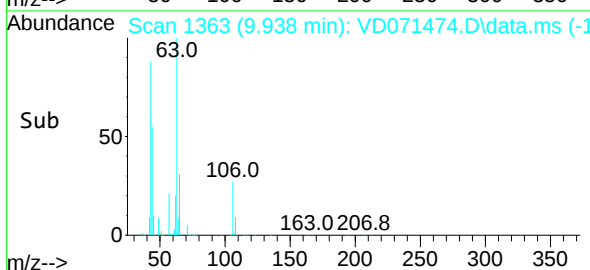
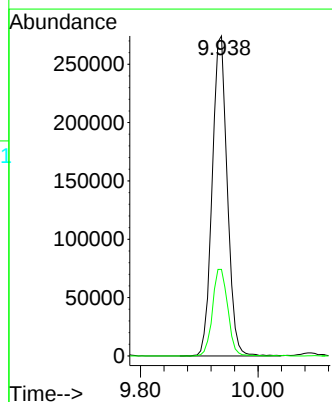
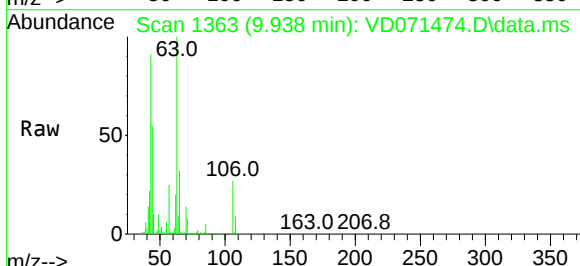
Acq: 25 Dec 2021 22:47

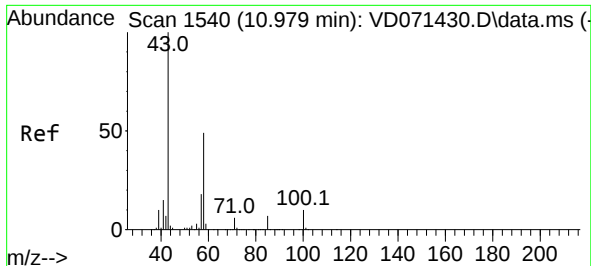
Tgt Ion: 63 Resp: 486809

Ion Ratio Lower Upper

63 100

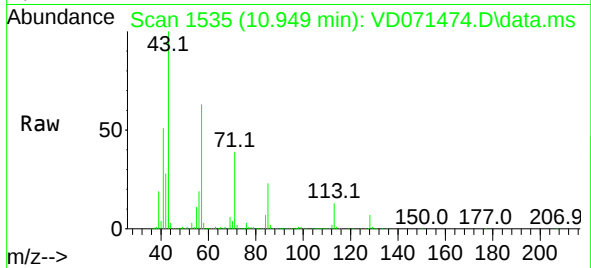
106 27.4 21.0 31.4





#59
2-Hexanone
Concen: 3073.022 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.030 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

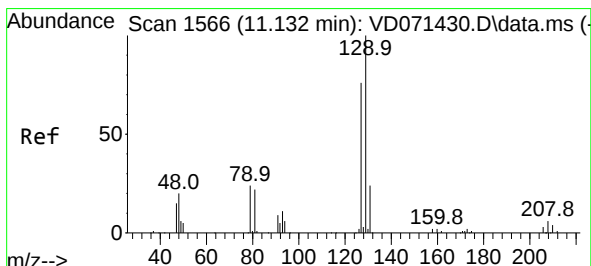
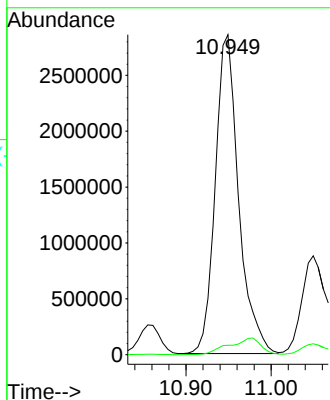
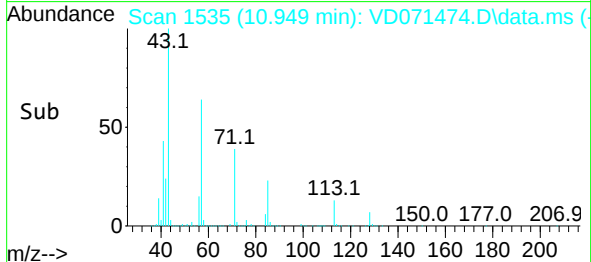
Instrument :
MSVOA_D
Client Sample Id :
DB-4-(7.5-8)-12-8-21MS



Tgt Ion: 43 Resp: 5451728
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1

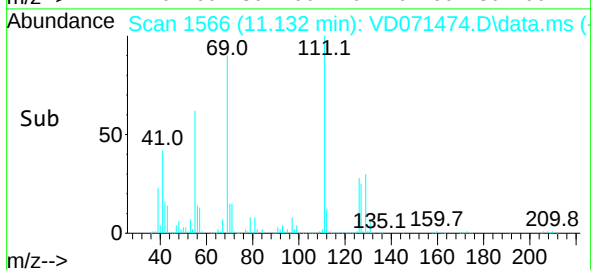
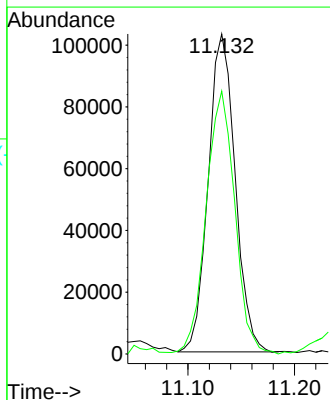
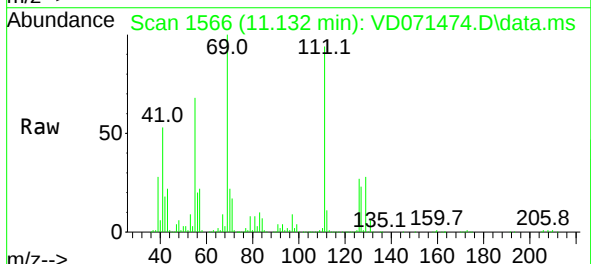
Manual Integrations
APPROVED

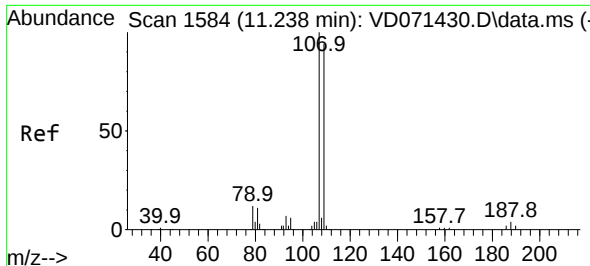
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#60
Dibromochloromethane
Concen: 56.471 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

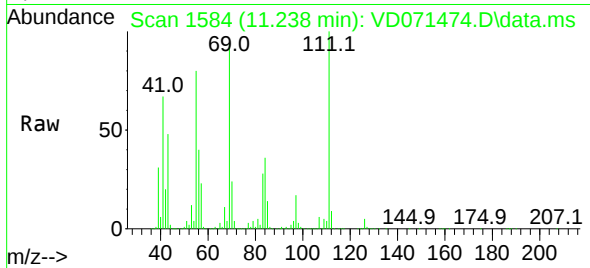
Tgt Ion:129 Resp: 180814
Ion Ratio Lower Upper
129 100
127 88.1 38.9 116.6





#61
1,2-Dibromoethane
Concen: 59.580 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

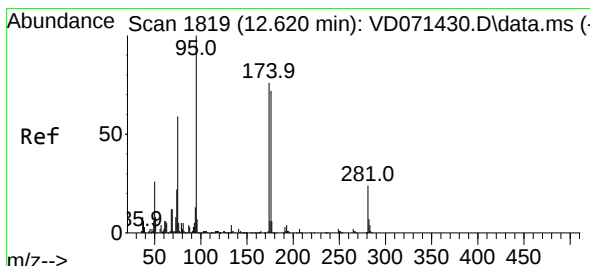
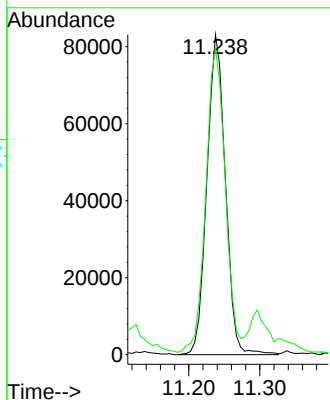
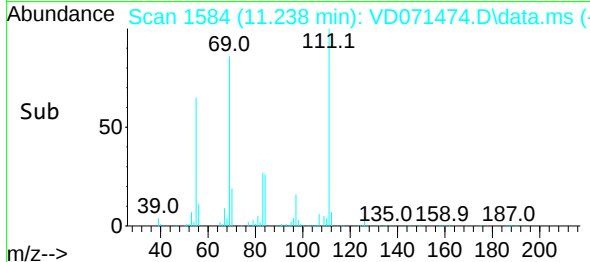
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



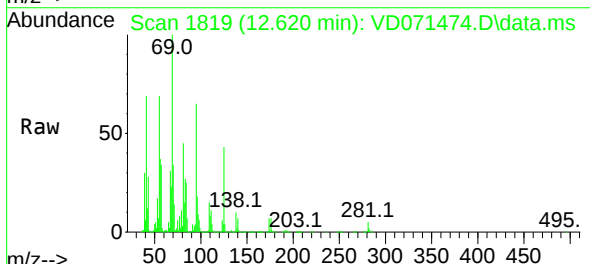
Tgt Ion:107 Resp: 15031
Ion Ratio Lower Upper
107 100
109 99.5 74.6 112.0

Manual Integrations
APPROVED

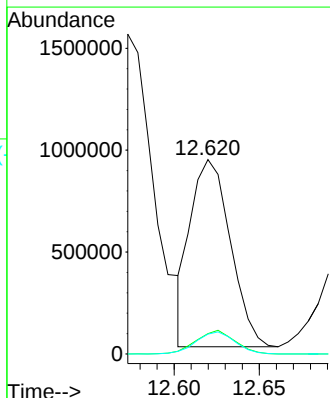
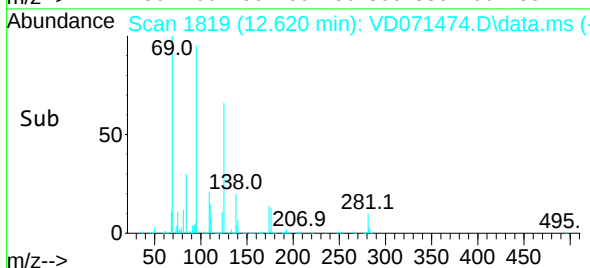
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022

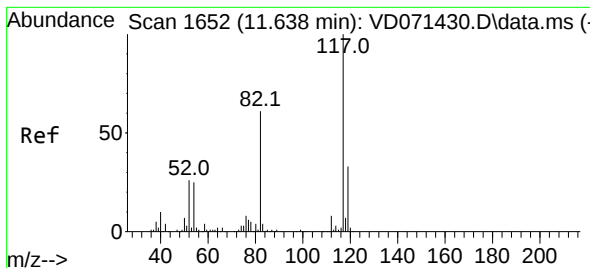


#62
4-Bromofluorobenzene
Concen: 341.321 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47



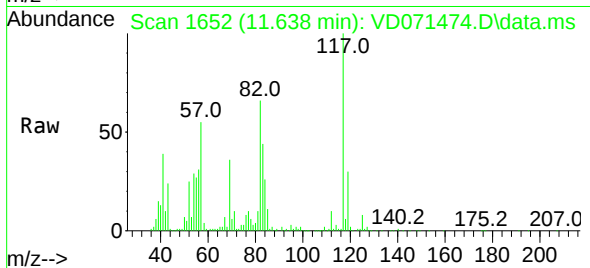
Tgt Ion: 95 Resp: 1493823
Ion Ratio Lower Upper
95 100
174 12.3 0.0 159.4
176 11.6 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

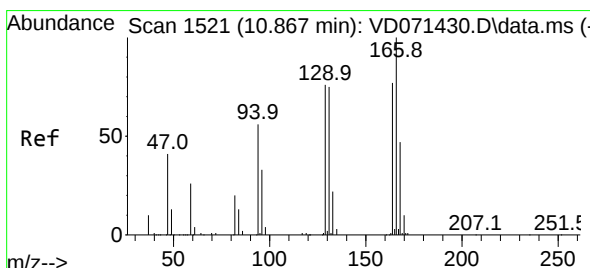
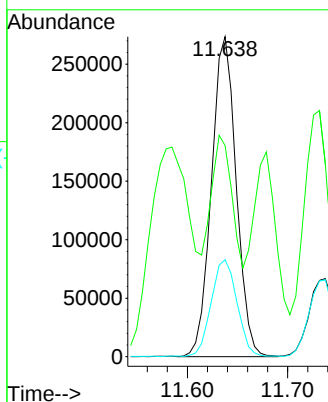
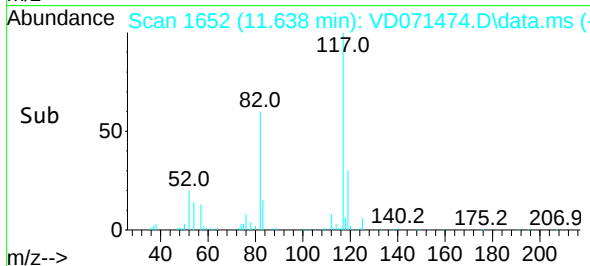
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



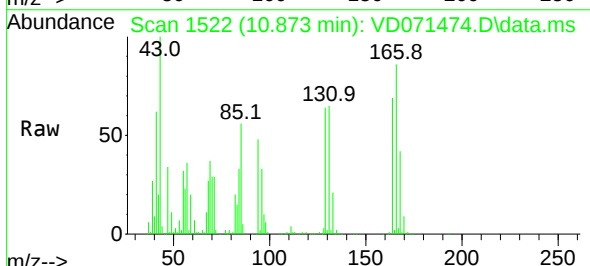
Tgt Ion:117 Resp: 468390
Ion Ratio Lower Upper
117 100
82 34.2 44.7 67.1
119 30.2 26.2 39.4

Manual Integrations
APPROVED

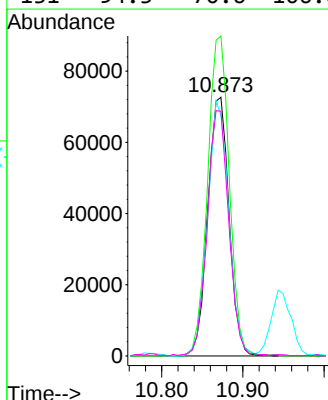
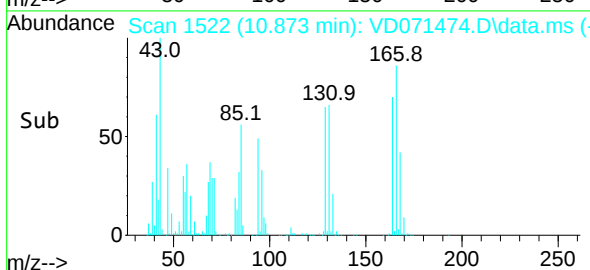
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022

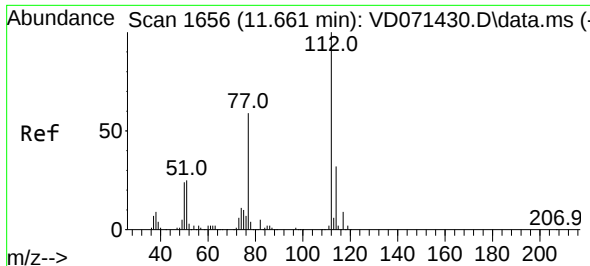


#64
Tetrachloroethene
Concen: 40.776 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47



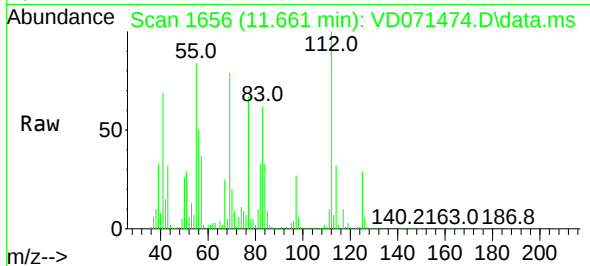
Tgt Ion:164 Resp: 132724
Ion Ratio Lower Upper
164 100
166 123.6 102.6 153.8
129 92.8 75.4 113.0
131 94.3 70.6 106.0





#65
Chlorobenzene
Concen: 49.438 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

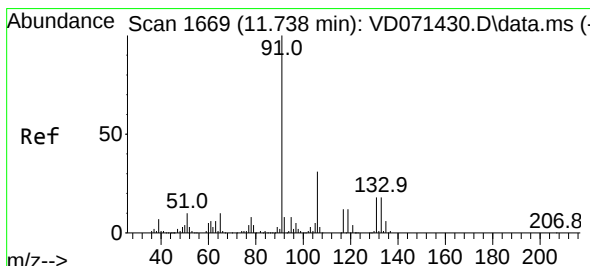
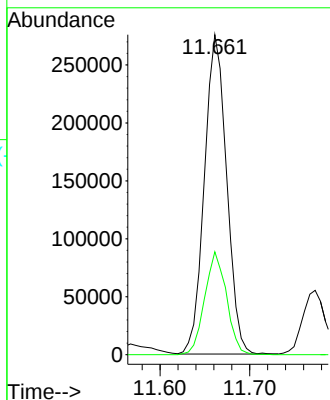
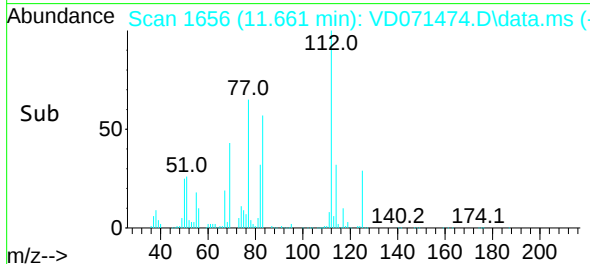
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



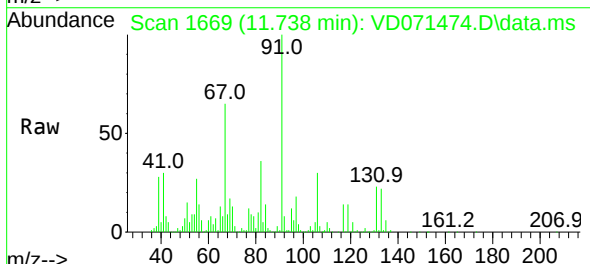
Tgt Ion:112 Resp: 474990
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0

Manual Integrations
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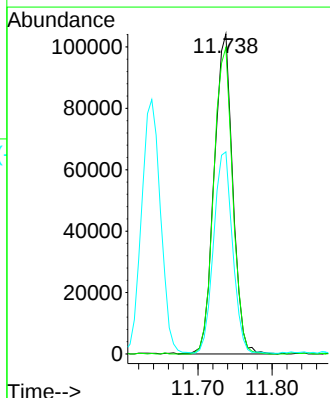
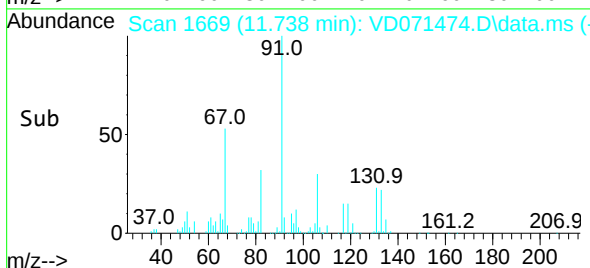
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022

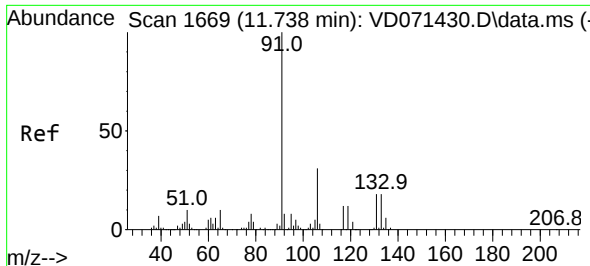


#66
1,1,1,2-Tetrachloroethane
Concen: 51.776 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47



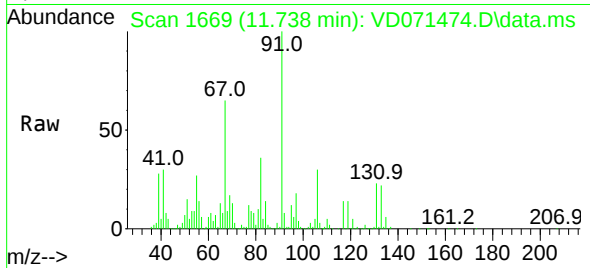
Tgt Ion:131 Resp: 181732
Ion Ratio Lower Upper
131 100
133 97.3 48.0 144.0
119 64.2 33.5 100.4





#67
Ethyl Benzene
Concen: 42.217 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

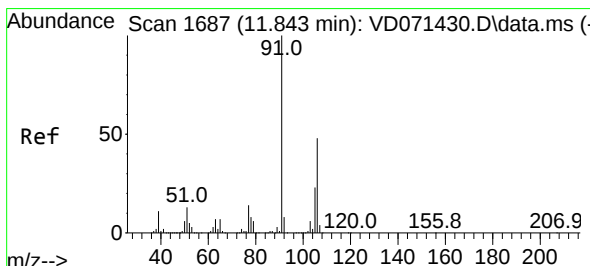
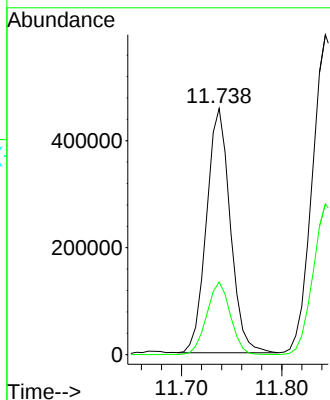
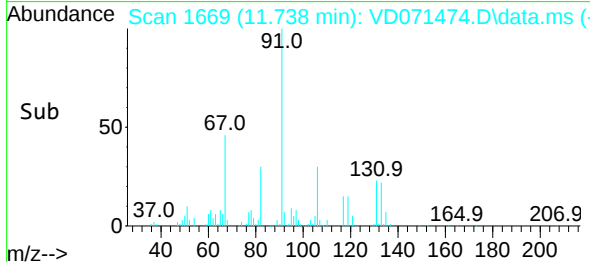
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



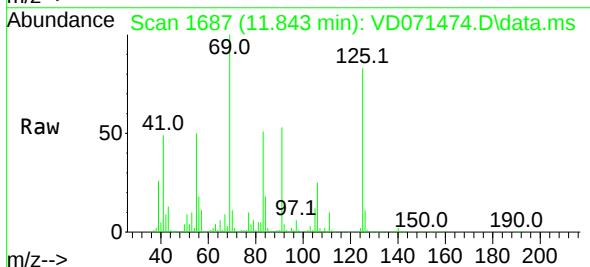
Tgt Ion: 91 Resp: 75486
Ion Ratio Lower Upper
91 100
106 29.7 24.6 36.8

Manual Integrations
APPROVED

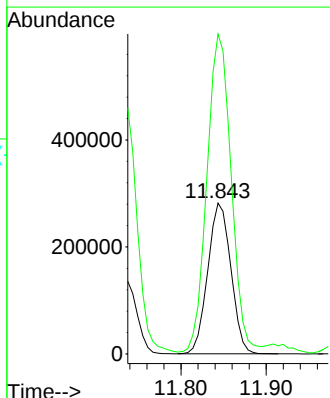
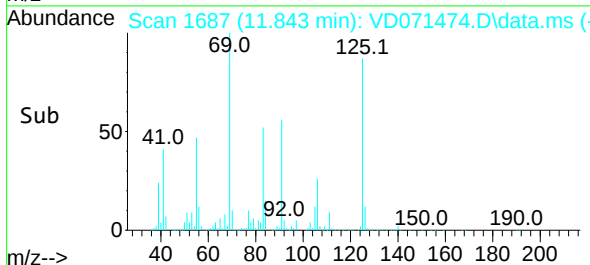
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022

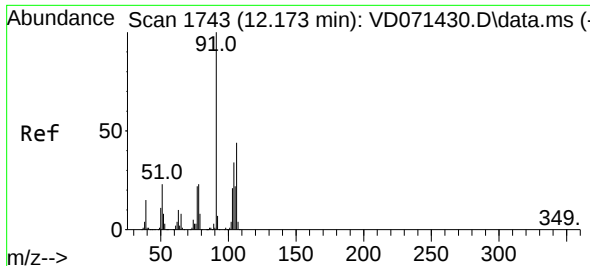


#68
m/p-Xylenes
Concen: 78.414 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47



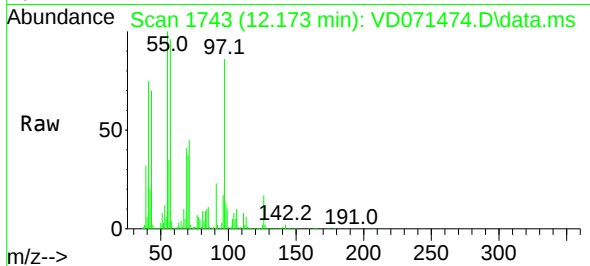
Tgt Ion:106 Resp: 532687
Ion Ratio Lower Upper
106 100
91 220.6 160.1 240.1





#69
o-Xylene
Concen: 47.836 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

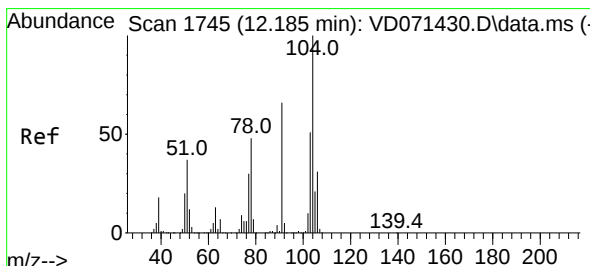
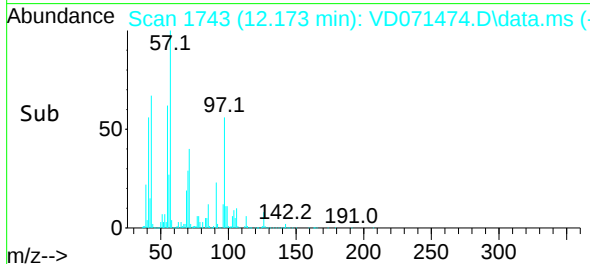
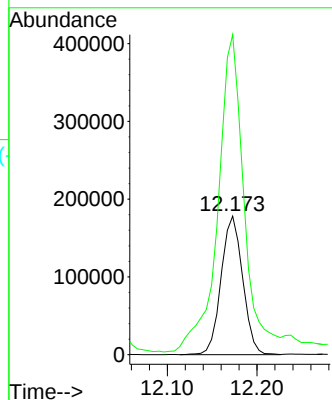
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



Tgt Ion:106 Resp: 297040
Ion Ratio Lower Upper
106 100
91 275.7 106.3 319.0

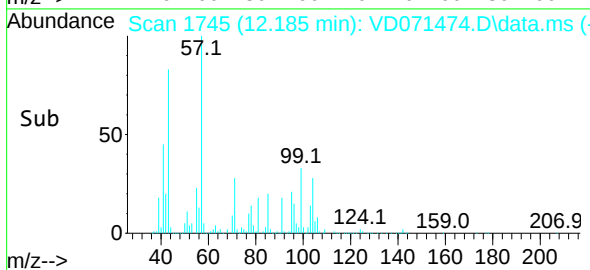
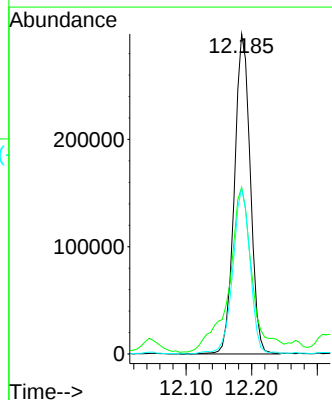
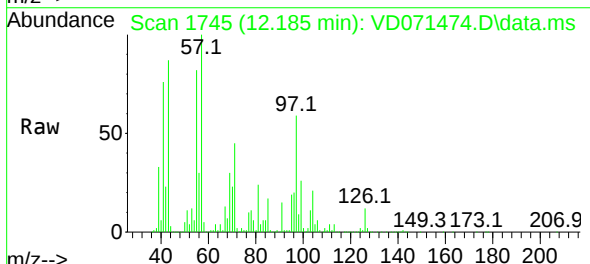
Manual Integrations
APPROVED

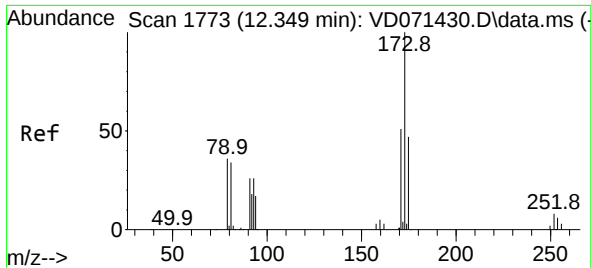
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#70
Styrene
Concen: 46.699 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

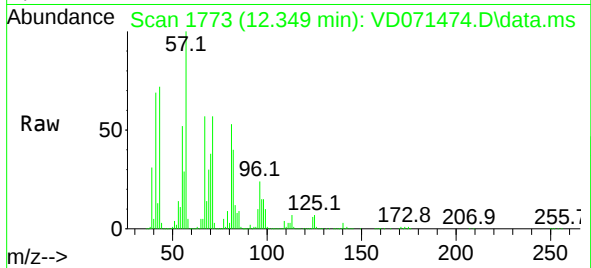
Tgt Ion:104 Resp: 503753
Ion Ratio Lower Upper
104 100
78 74.2 39.4 59.0#
103 56.6 43.4 65.0





#71
Bromoform
Concen: 57.186 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

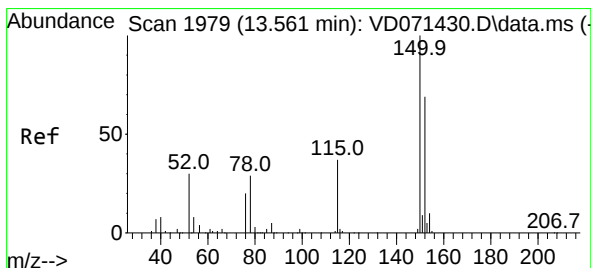
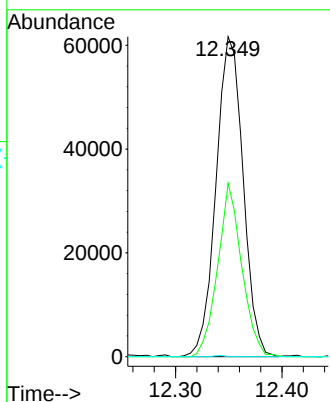
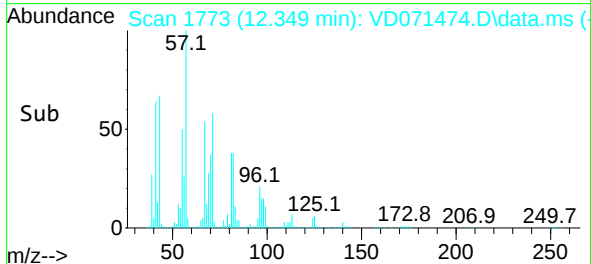
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



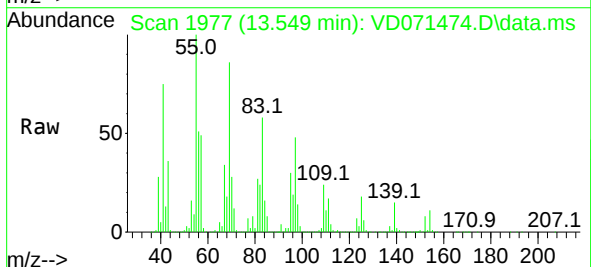
Tgt Ion:173 Resp: 108610
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.2
254 0.1 0.1 0.1

Manual Integrations
APPROVED

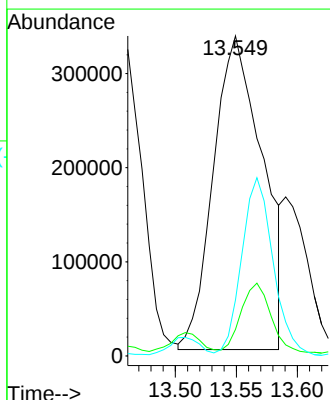
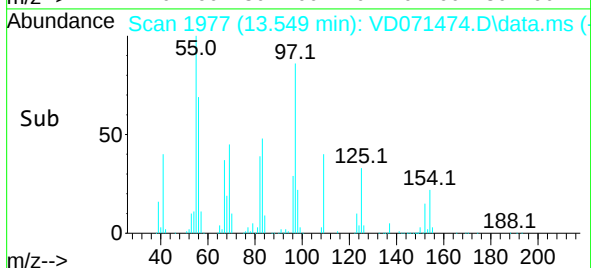
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022

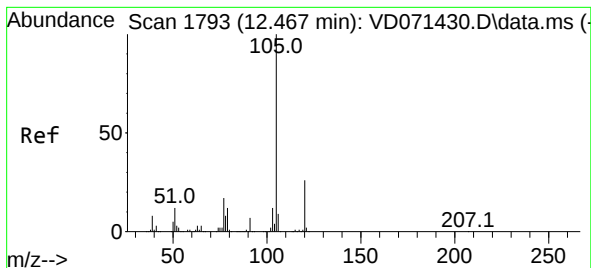


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l m
RT: 13.549 min Scan# 1977
Delta R.T. -0.012 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47



Tgt Ion:152 Resp: 933349
Ion Ratio Lower Upper
152 100
115 13.6 29.8 89.3#
150 36.2 0.0 349.2





#73

Isopropylbenzene

Concen: 7.709 ug/l

RT: 12.473 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD071474.D

Acq: 25 Dec 2021 22:47

Instrument :

MSVOA_D

ClientSampleId :

DB-4-(7.5-8)-12-8-21MS

Tgt Ion:105 Resp: 554698

Ion Ratio Lower Upper

105 100

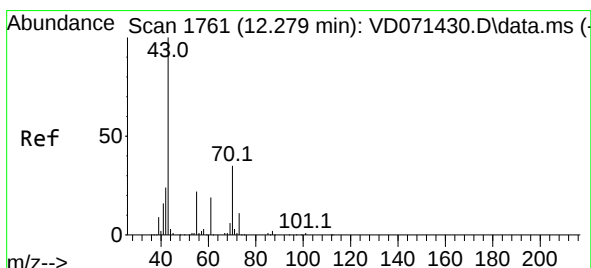
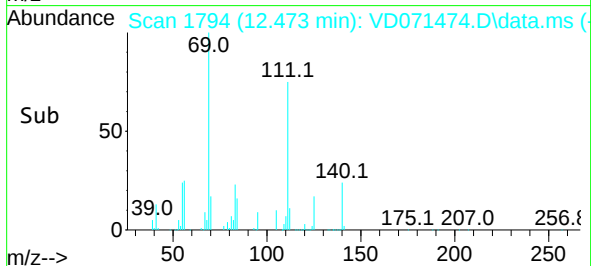
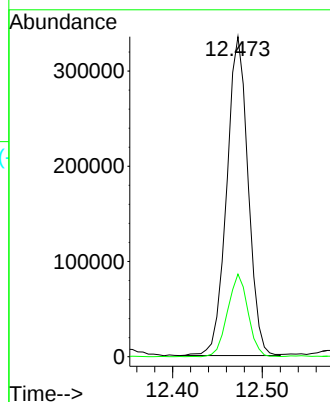
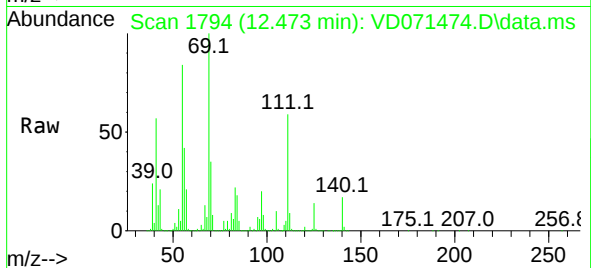
120 24.7 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/27/2021

Supervised By :Mahesh Dadoda 01/02/2022



#74

N-ethyl acetate

Concen: 746.921 ug/l

RT: 12.267 min Scan# 1759

Delta R.T. -0.012 min

Lab File: VD071474.D

Acq: 25 Dec 2021 22:47

Tgt Ion: 43 Resp:14419756

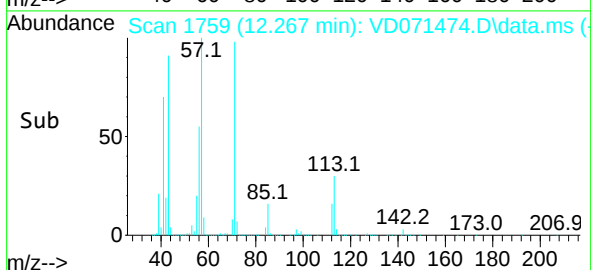
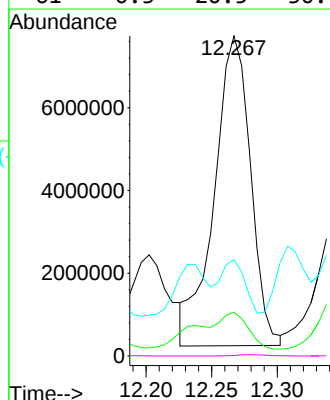
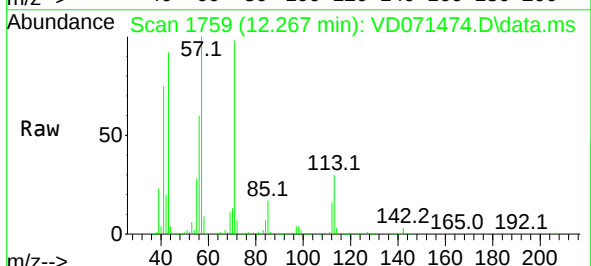
Ion Ratio Lower Upper

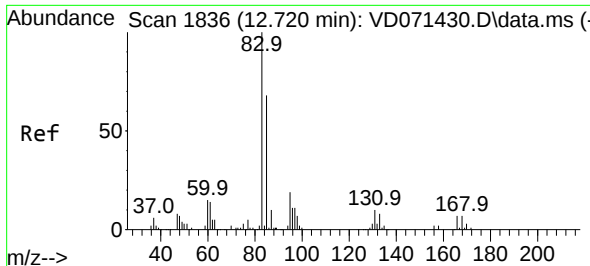
43 100

70 9.4 36.6 55.0#

55 11.4 22.5 33.7#

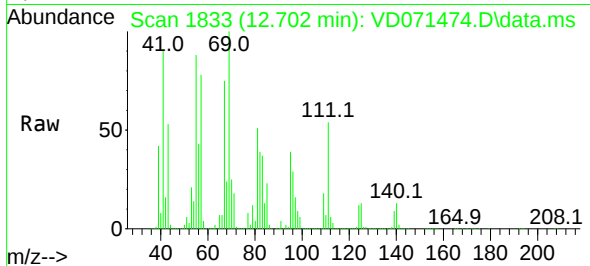
61 0.3 20.5 30.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 134.149 ug/l
RT: 12.702 min Scan# 1833
Delta R.T. -0.018 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

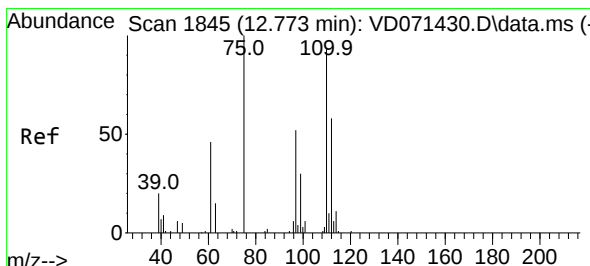
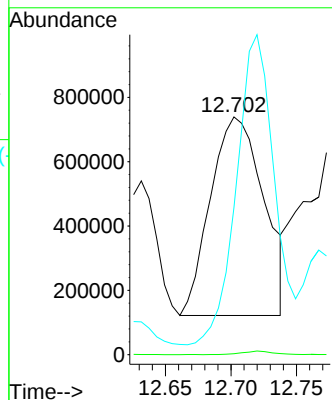
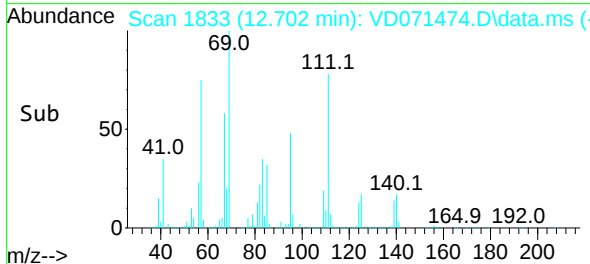
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



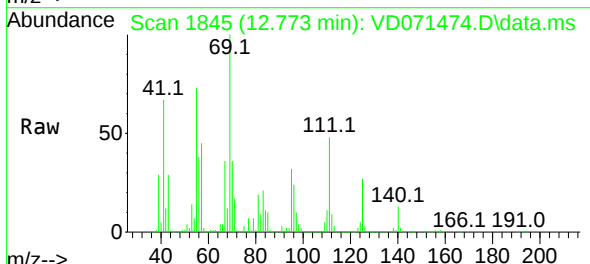
Tgt Ion: 83 Resp: 174520
Ion Ratio Lower Upper
83 100
131 1.2 4.9 14.7
85 111.1 32.0 96.2

Manual Integrations
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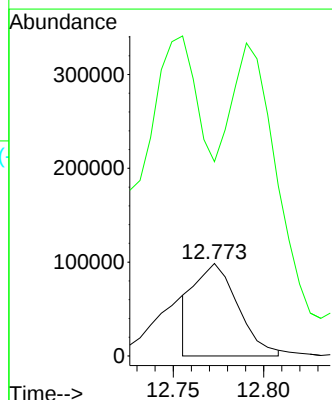
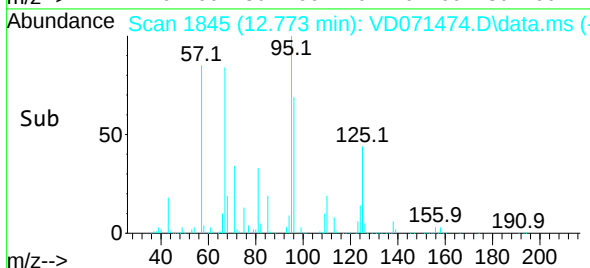
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022

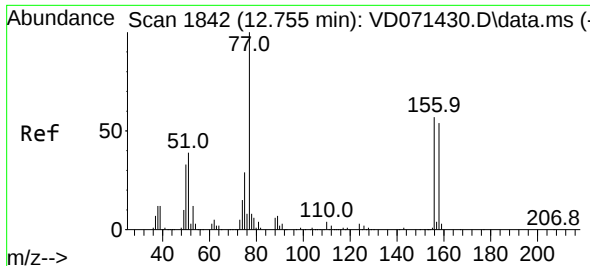


#76
1,2,3-Trichloropropane
Concen: 14.898 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47



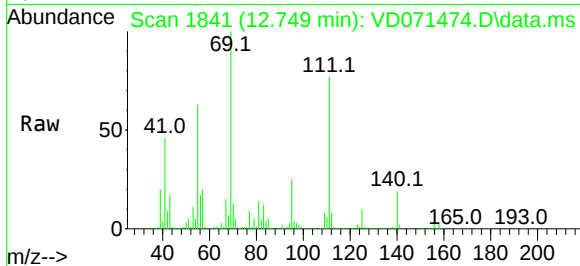
Tgt Ion: 75 Resp: 165218
Ion Ratio Lower Upper
75 100
77 653.9 158.4 475.3#





#77
Bromobenzene
Concen: 14.032 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

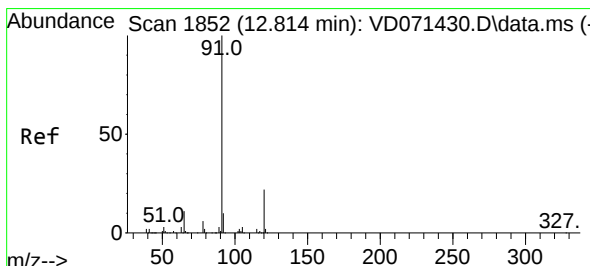
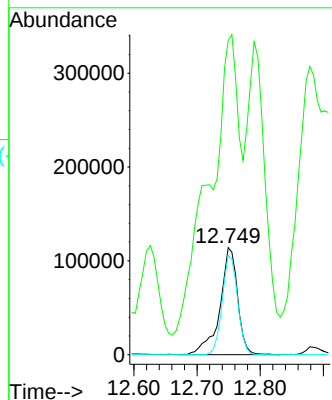
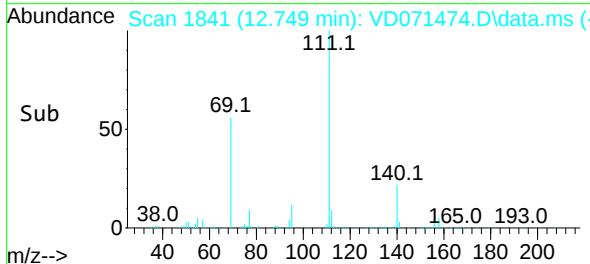
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



Tgt Ion:156 Resp: 224682
Ion Ratio Lower Upper
156 100
77 480.8 96.6 289.8
158 79.5 49.1 147.4

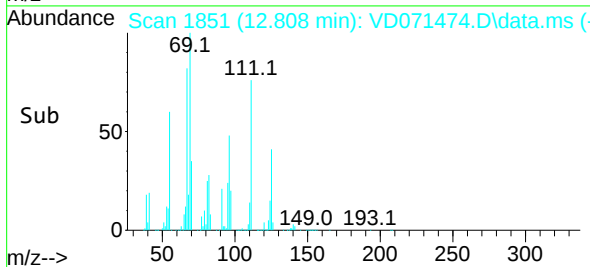
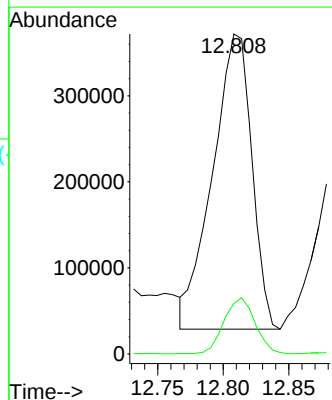
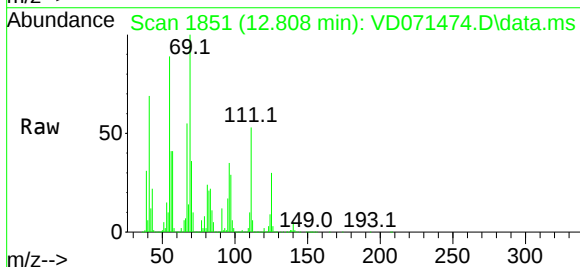
Manual Integrations
APPROVED

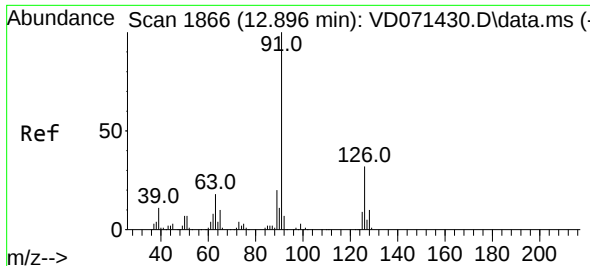
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#78
n-propylbenzene
Concen: 7.913 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

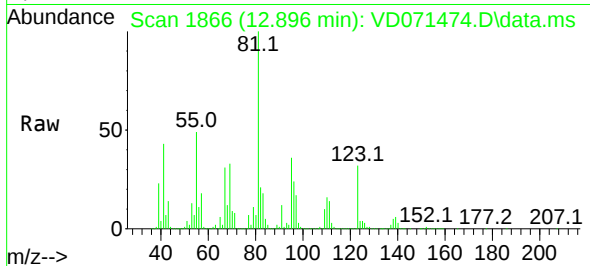
Tgt Ion: 91 Resp: 713726
Ion Ratio Lower Upper
91 100
120 15.1 10.9 32.9





#79
2-Chlorotoluene
Concen: 19.042 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

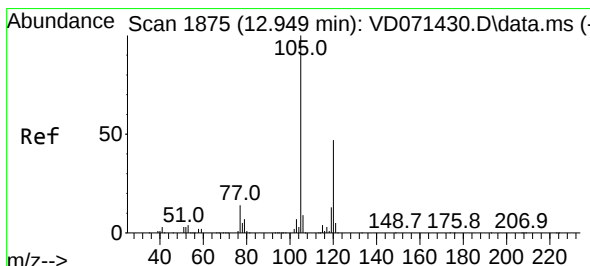
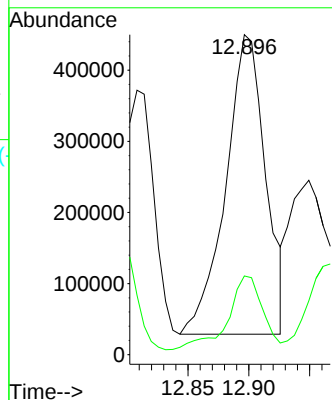
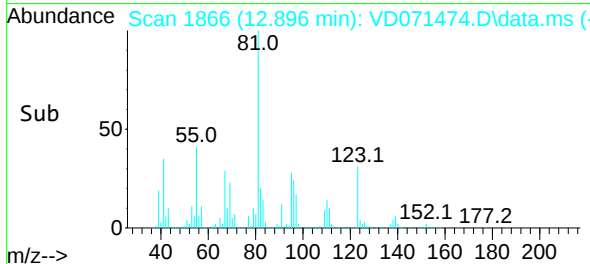
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



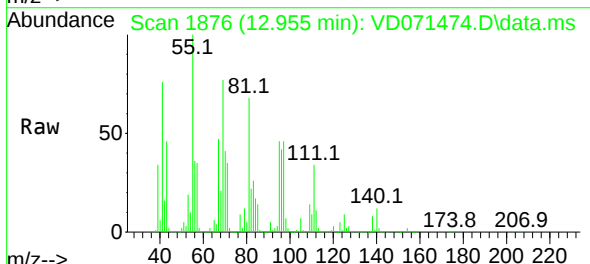
Tgt Ion: 91 Resp: 959819
Ion Ratio Lower Upper
91 100
126 21.5 16.6 49.7

Manual Integrations
APPROVED

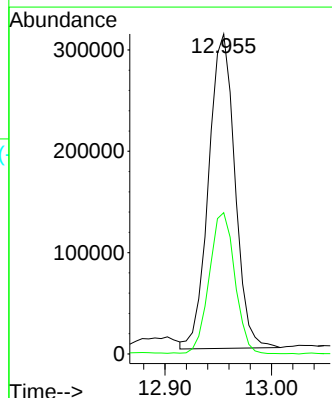
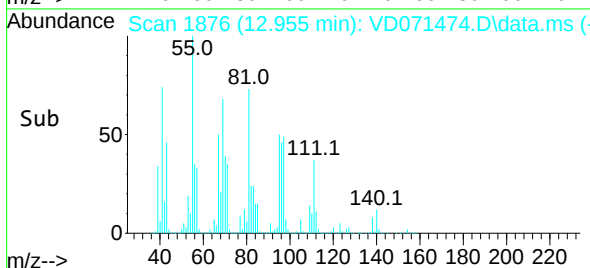
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022

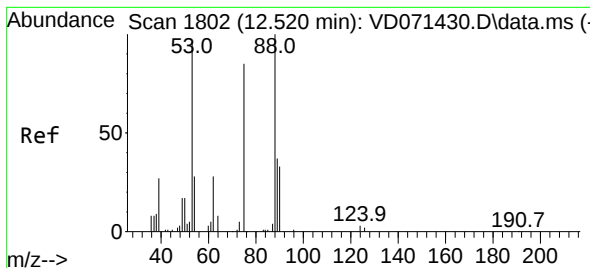


#80
1,3,5-Trimethylbenzene
Concen: 8.958 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47



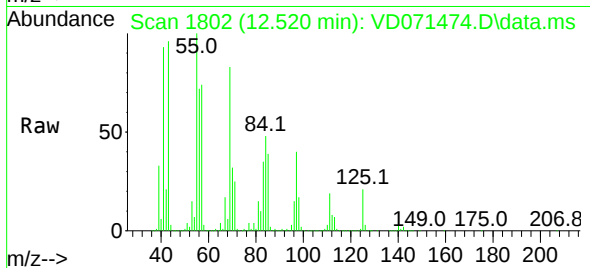
Tgt Ion:105 Resp: 531678
Ion Ratio Lower Upper
105 100
120 44.0 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 7.216 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

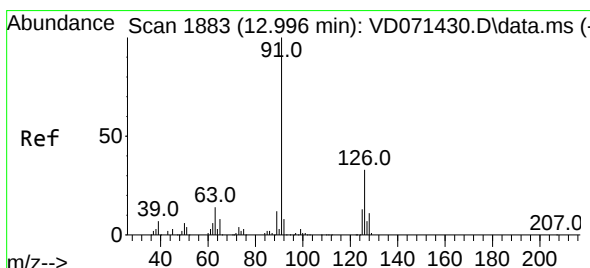
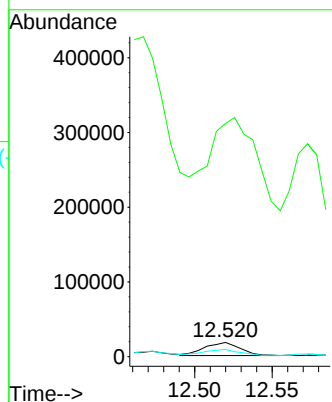
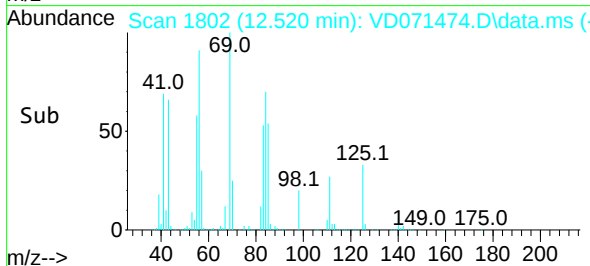
Instrument : MSVOA_D
ClientSampleId : DB-4-(7.5-8)-12-8-21MS



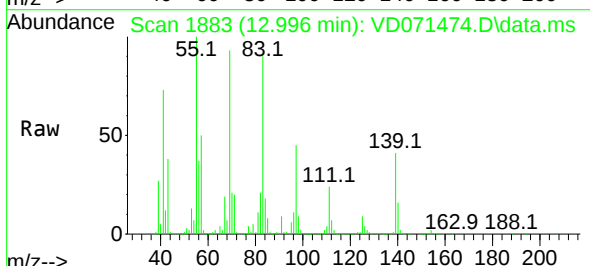
Tgt Ion: 75 Resp: 2832
Ion Ratio Lower Upper
75 100
53 837.5 62.6 94.0
89 44.7 34.5 51.7

Manual Integrations
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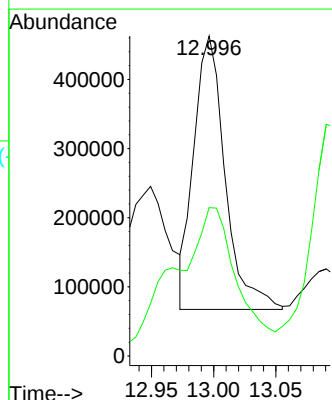
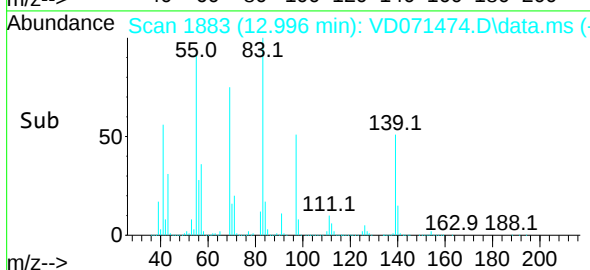
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022

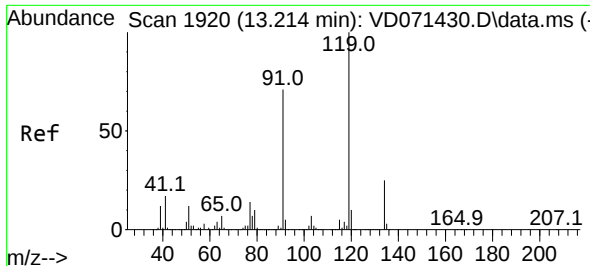


#82
4-Chlorotoluene
Concen: 13.222 ug/l m
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47



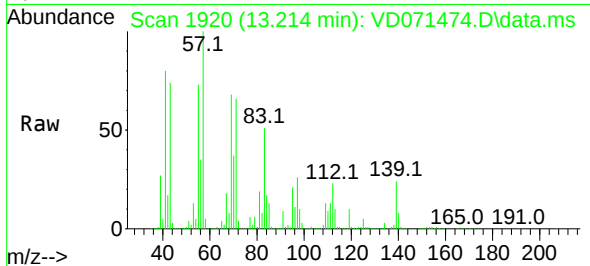
Tgt Ion: 91 Resp: 691321
Ion Ratio Lower Upper
91 100
126 29.9 16.4 49.1





#83
tert-Butylbenzene
Concen: 15.438 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

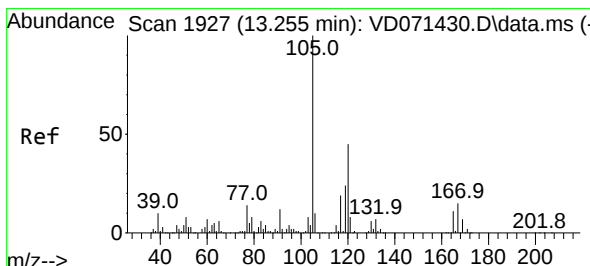
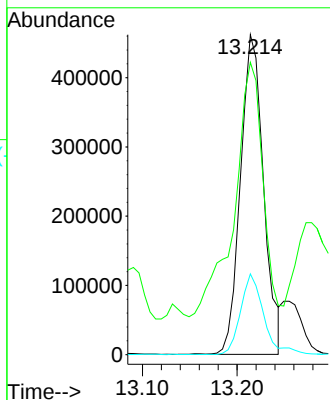
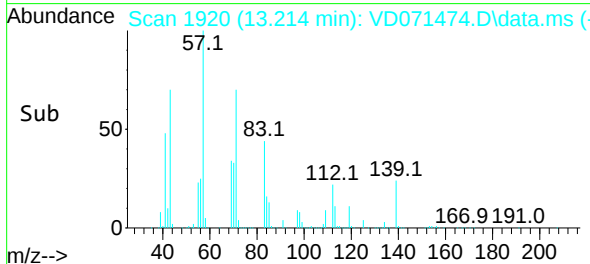
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



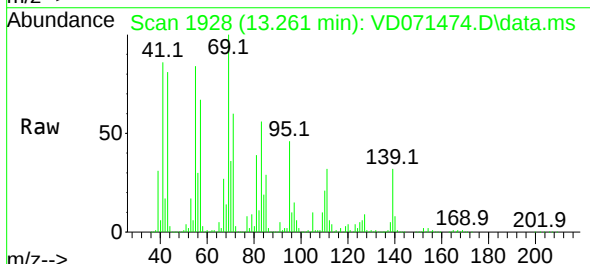
Tgt Ion:119 Resp: 782930
Ion Ratio Lower Upper
119 100
91 97.7 32.5 97.5
134 25.6 13.2 39.6

Manual Integrations
APPROVED

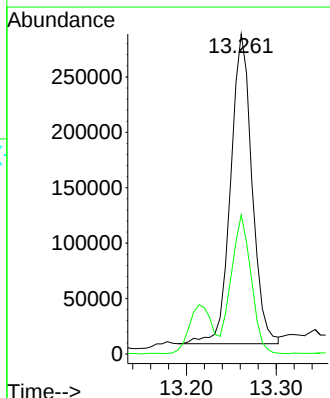
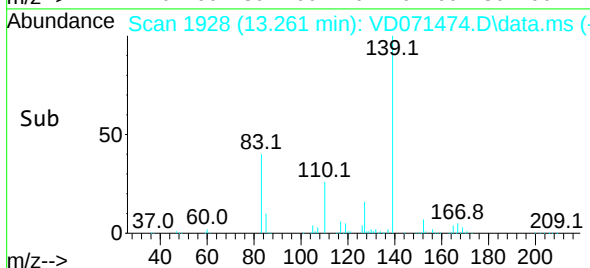
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022

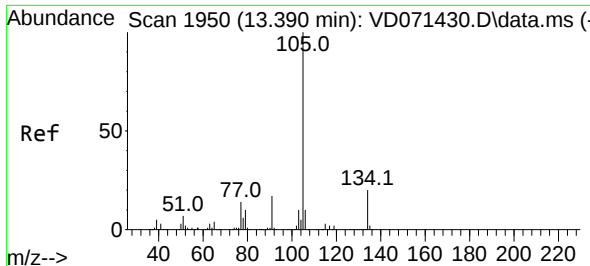


#84
1,2,4-Trimethylbenzene
Concen: 7.878 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47



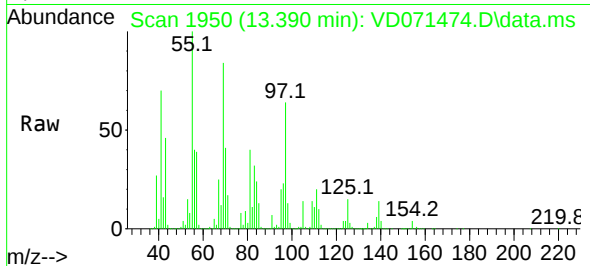
Tgt Ion:105 Resp: 462771
Ion Ratio Lower Upper
105 100
120 41.3 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 16.303 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD071474.D
 Acq: 25 Dec 2021 22:47

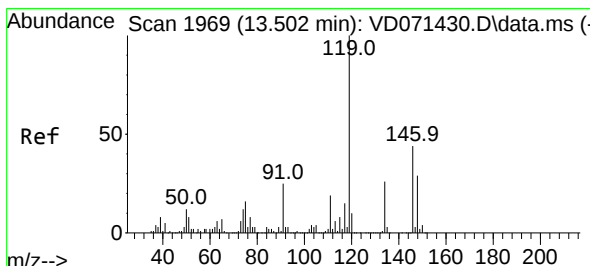
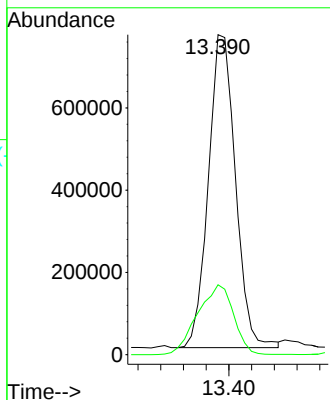
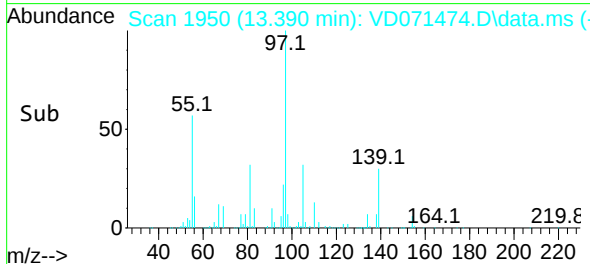
Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MS



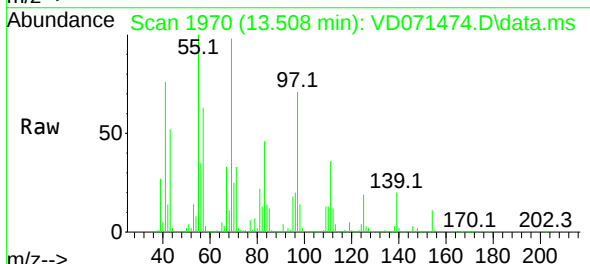
Tgt Ion:105 Resp: 1260519
 Ion Ratio Lower Upper
 105 100
 134 29.8 9.7 28.9

Manual Integrations
 APPROVED

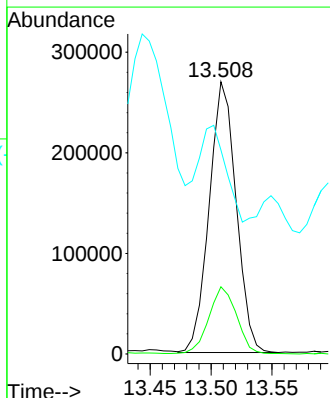
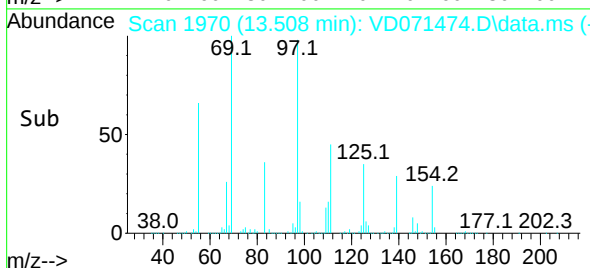
Reviewed By :Semsettin Yesilyurt 12/27/2021
 Supervised By :Mahesh Dadoda 01/02/2022

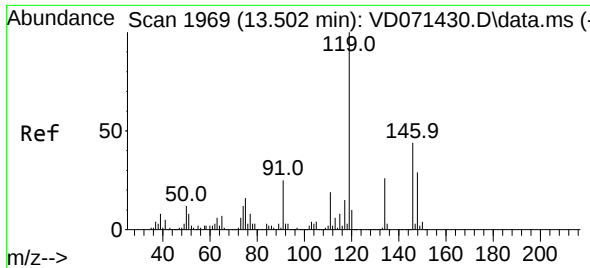


#86
 p-Isopropyltoluene
 Concen: 6.461 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD071474.D
 Acq: 25 Dec 2021 22:47



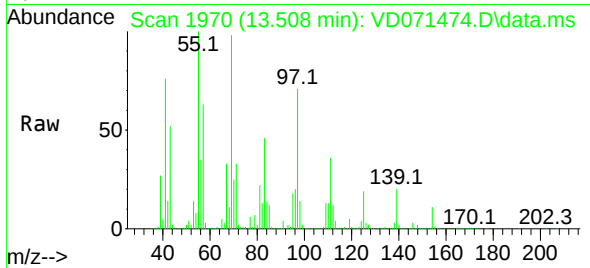
Tgt Ion:119 Resp: 414503
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 51.1 11.4 34.2





#87
1,3-Dichlorobenzene
Concen: 9.534 ug/l
RT: 13.508 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

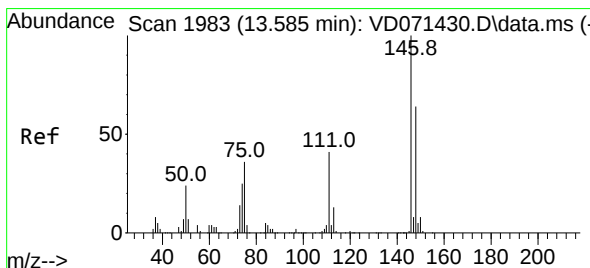
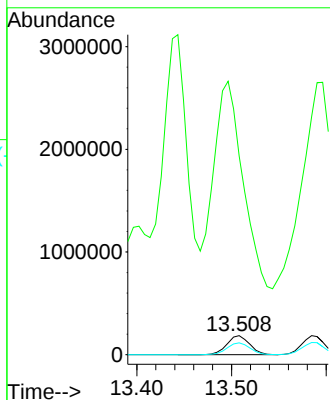
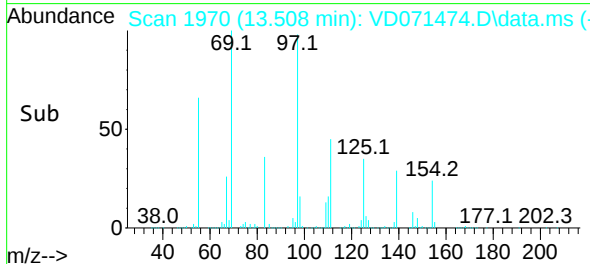
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



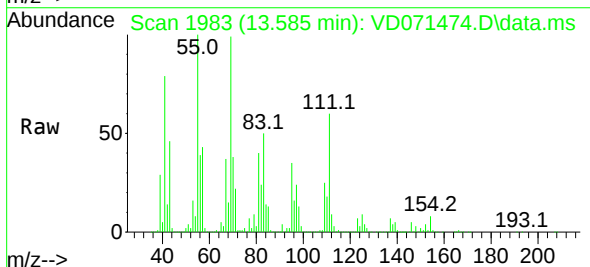
Tgt Ion:146 Resp: 307428
Ion Ratio Lower Upper
146 100
111 1389.7 19.8 59.4
148 63.1 32.1 96.3

Manual Integrations
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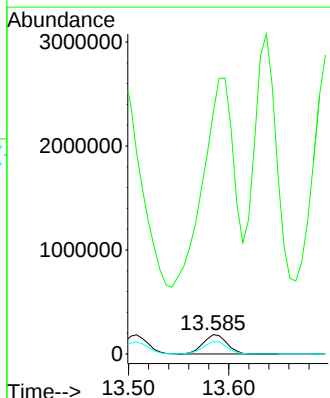
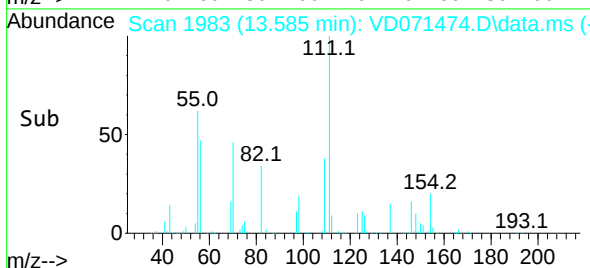
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022

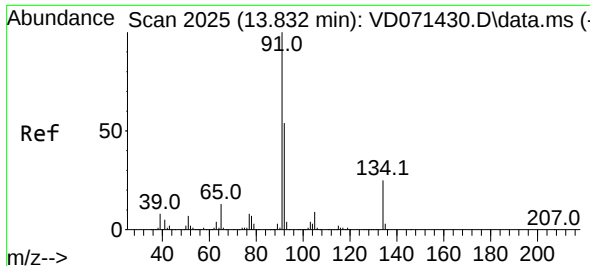


#88
1,4-Dichlorobenzene
Concen: 9.677 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47



Tgt Ion:146 Resp: 305990
Ion Ratio Lower Upper
146 100
111 1383.4 19.6 58.8#
148 64.7 31.5 94.5





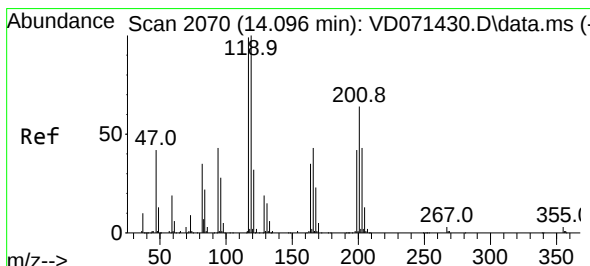
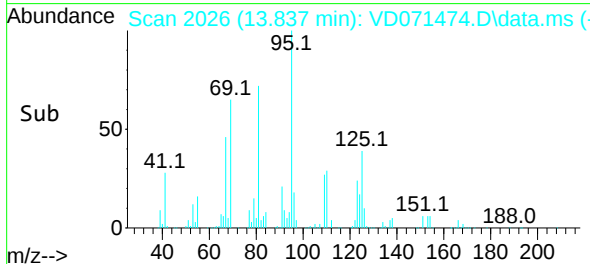
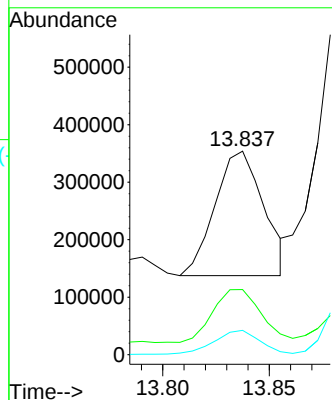
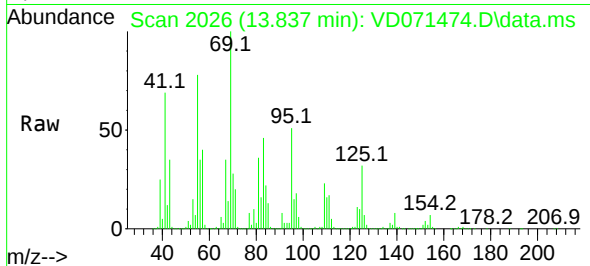
#89
n-Butylbenzene
Concen: 5.478 ug/l
RT: 13.837 min Scan# 2025
Delta R.T. 0.005 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

Tgt Ion: 91 Resp: 344948
Ion Ratio Lower Upper
91 100
92 41.9 27.3 81.9
134 18.7 12.3 36.9

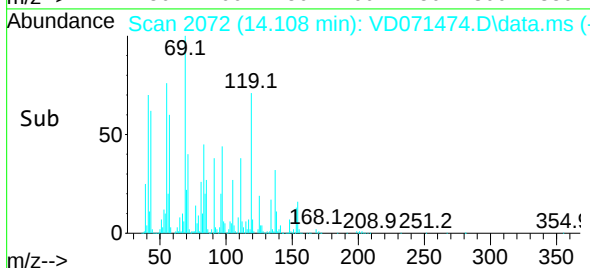
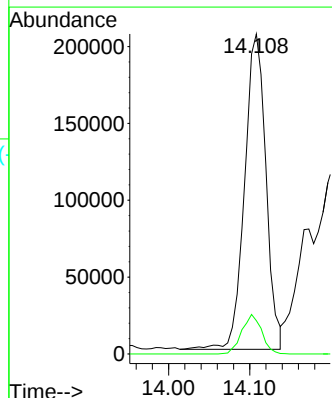
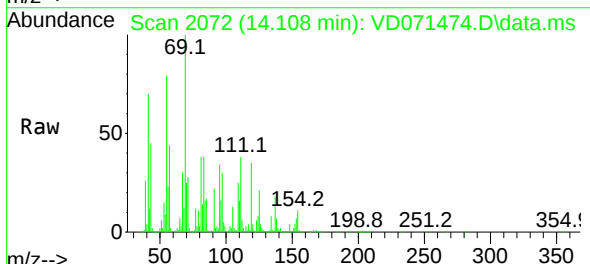
Manual Integrations
APPROVED

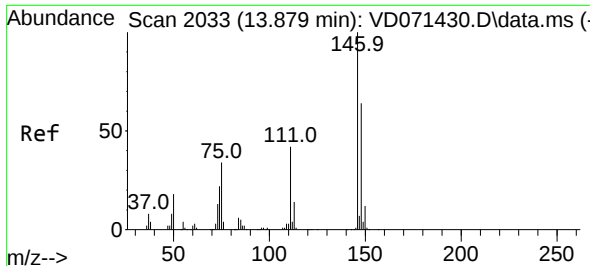
Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#90
Hexachloroethane
Concen: 30.934 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.012 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

Tgt Ion:117 Resp: 375938
Ion Ratio Lower Upper
117 100
201 11.7 36.0 108.1#





#91

1,2-Dichlorobenzene

Concen: 10.300 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.006 min

Lab File: VD071474.D

Acq: 25 Dec 2021 22:47

Instrument :

MSVOA_D

ClientSampleId :

DB-4-(7.5-8)-12-8-21MS

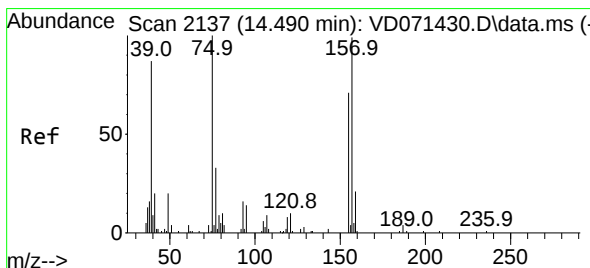
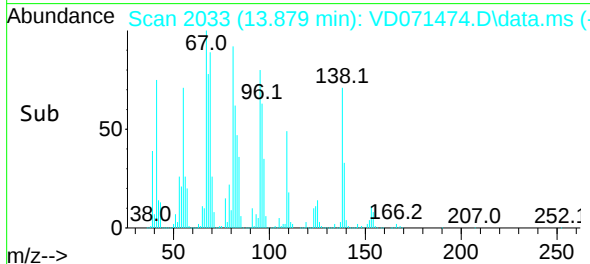
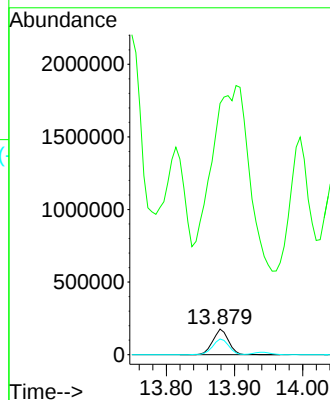
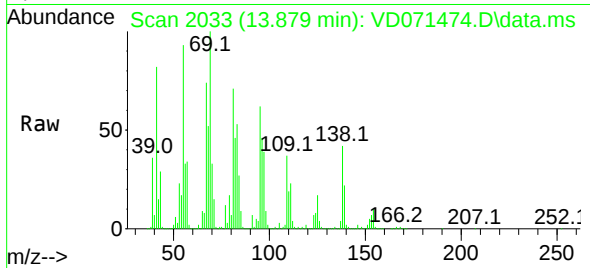
Tgt Ion:146 Resp: 28187

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.8	62.2
148	63.3	31.7	95.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.165 ug/l

RT: 14.508 min Scan# 2140

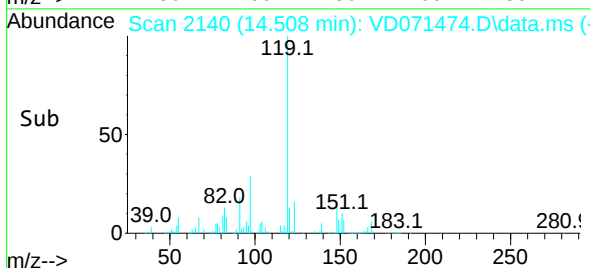
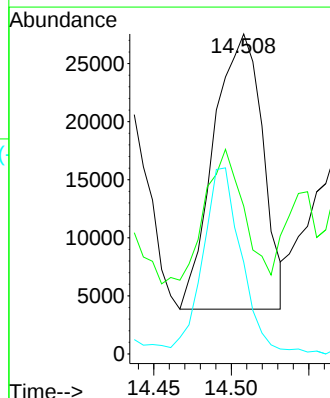
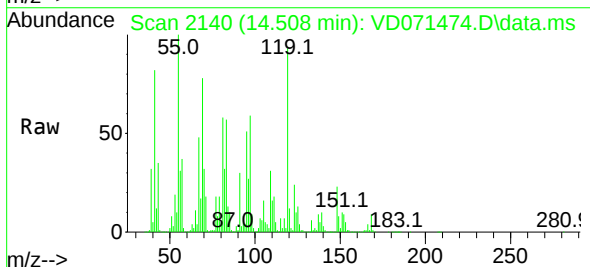
Delta R.T. 0.018 min

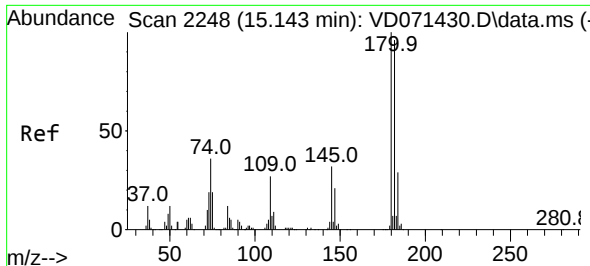
Lab File: VD071474.D

Acq: 25 Dec 2021 22:47

Tgt Ion: 75 Resp: 52263

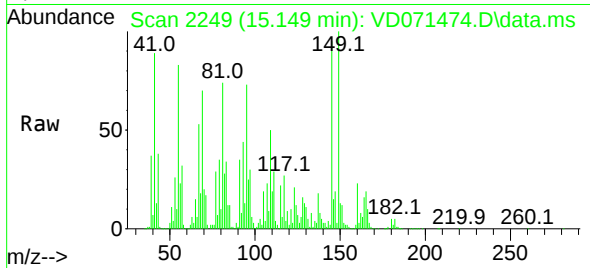
Ion	Ratio	Lower	Upper
75	100		
155	36.2	40.0	120.0
157	53.7	49.8	149.3





#93
1,2,4-Trichlorobenzene
Concen: 3.154 ug/l
RT: 15.149 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47

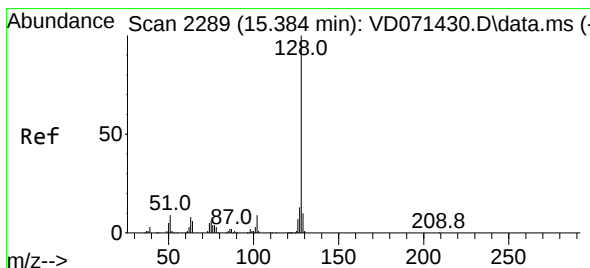
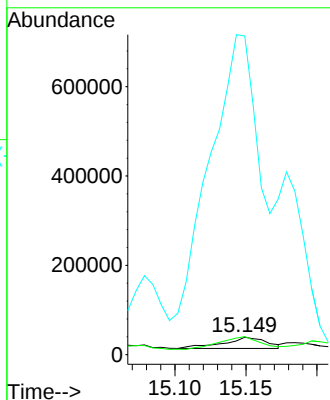
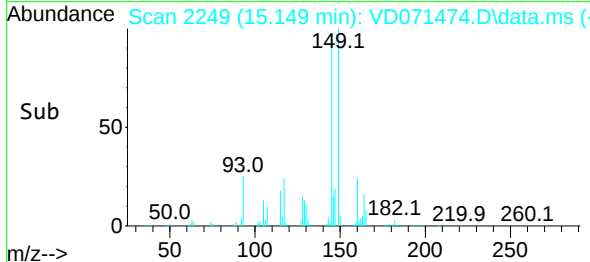
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS



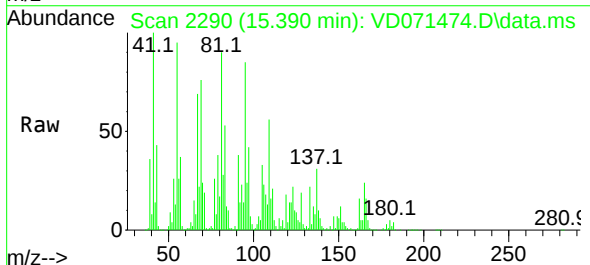
Tgt Ion:180 Resp: 5259
Ion Ratio Lower Upper
180 100
182 122.3 48.2 144.6
145 2857.5 15.4 46.2

Manual Integrations
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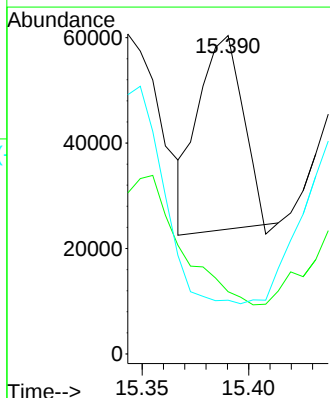
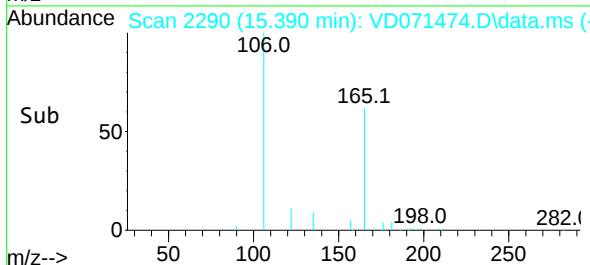
Reviewed By :Semsettin Yesilyurt 12/27/2021
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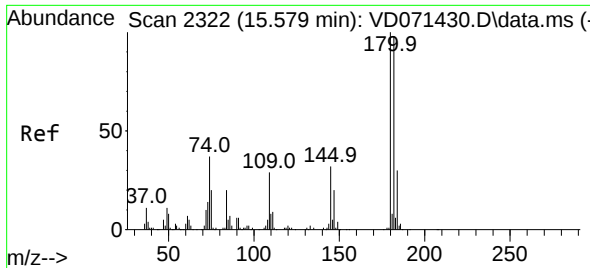


#95
Naphthalene
Concen: 1.690 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.011 min
Lab File: VD071474.D
Acq: 25 Dec 2021 22:47



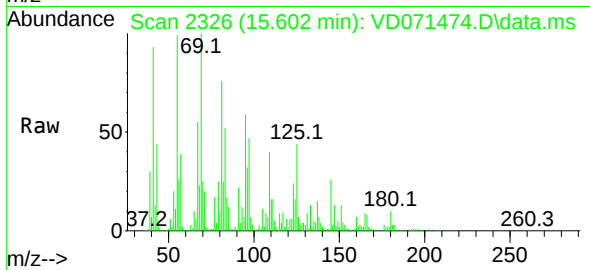
Tgt Ion:128 Resp: 53658
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.412 ug/l
 RT: 15.602 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: VD071474.D
 Acq: 25 Dec 2021 22:47

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MS



Tgt Ion:180 Resp: 3479
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.7 140.1
 145 0.0 15.9 47.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/27/2021
 Supervised By :Mahesh Dadoda 01/02/2022

